

PVM-1271Q

SERVICE MANUAL

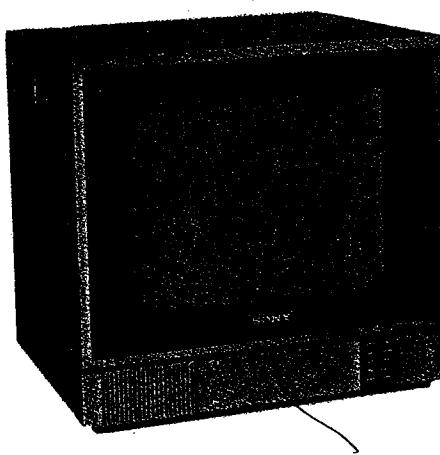
US Model

Chassis No. SCC-611A-A

US Model

Canadian Model

Chassis No. SCC-585A-A



October, 1984

SPECIFICATIONS

Color system	PAL, SECAM, NTSC and NTSC _{4.43} systems, switched automatically	Inputs	VIDEO IN : BNC connector VTR : 8-pin connector, Pin No. 2 (pin No. 6 : ground)
Picture tube	Trinitron tube Approx. 33 cm (13 inches), 90-degree deflection, Super Fine Pitch 0.25 mm (Approx. 31 cm picture measured diagonally)		composite 1 Vp-p ± 6 dB, sync negative, 75 ohms and high impedance switchable
Resolution	RGB inputs : 600 lines, 640 \times 200 dots Composite input : 550 lines		AUDIO IN : mini jack VTR : 8-pin connector, Pin No. 1 (pin No. 5 : ground)
Color temperature	PVM-1271Q : 9,300°K PVM-1371QM : 6,500°K (Can be changed to either temperature by an internal switch. For switching of the color temperature, consult your authorized Sony dealer.)		-5 dBs, high impedance
Frequency response	10 MHz (-3 dB, RGB) 5.5 MHz (-3 dB, composite video)		EXT SYNC IN : BNC connector composite sync 2 - 8 Vp-p, negative, 75 ohms and high impedance switchable
Horizontal linearity	$\pm 8\%$		RGB IN : BNC connector 0.7 Vp-p, ± 6 dB, 75 ohms, non composite
Vertical linearity	$\pm 5\%$		AUDIO (RGB) IN : mini jack -5 dBs, high impedance
Line pull range	Horizontal ± 500 Hz Vertical 8 Hz	Outputs	CMPTR : 25-pin connector For details, see "CMPTR connector"
Overscan of the picture	5%		VIDEO OUT : BNC connector
Underscan of the picture	9%		AUDIO OUT : mini jack Output level 1 W
Return loss	4 MHz, 35 dB (LINE A, LINE B)		EXT SYNC OUT : BNC connector
Zooming	Within 2%		RGB OUT : BNC connector
Convergence	Central area 0.6 mm Periphery 0.8 mm	Power requirements	AUDIO (RGB) OUT : mini jack Loop-through
Brightness	More than 35 foot-lamberts	Power consumption	PVM-1271Q : 120 V ac, 50/60 Hz PVM-1371QM : 220 - 240 V ac, 50/60 Hz
		Dimensions	PVM-1271Q : 105 W PVM-1371QM : 90 W
		Weight	Approx. 346 \times 330 \times 387 mm (w/h/d) (13 $\frac{5}{8}$ \times 13 \times 15 $\frac{1}{4}$ inches)
			Approx. 14.5 kg (31 lb 15 oz)

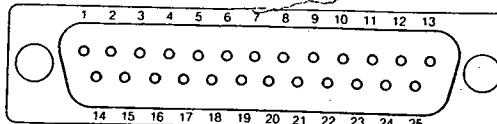
TRINITRON®
COLOR VIDEO MONITOR
SONY®



MICROFILM

MON

CMPTR connector (25-pin)
Pin assignment



Pin No.	Signal	Signal level
1 *	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 V p-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 V p-p, 75-ohm terminated, non sync) When the low state is selected at pin 9: Digital signal (TTL level)
5	Green input	
6	Red input	
7	+ 12 V power supply	0.3 A max
8	+ 5 V power supply	0.6 A max
9 *	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
Pin No.	Signal	Signal level
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A VIDEO IN connector During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A VIDEO IN connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	EXT/INT mode sync switch	High state (open): Sync signal input from the CMPTR connector Low state: Sync signal input from the LINE A VIDEO IN connector
15-24	Ground	
25 *	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

* Examples for microcomputer connections

Microcomputer	Pin No.	1	9	25
SMC-70/SMC-70G	—	High state	—	
IBM computer	High state	Low state	IBM luminance signal	
TTL 3BIT computer	Low state	Low state	Low state	

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any).
Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

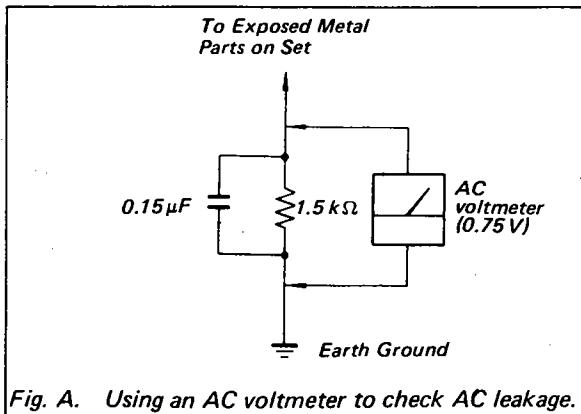


Fig. A. Using an AC voltmeter to check AC leakage.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

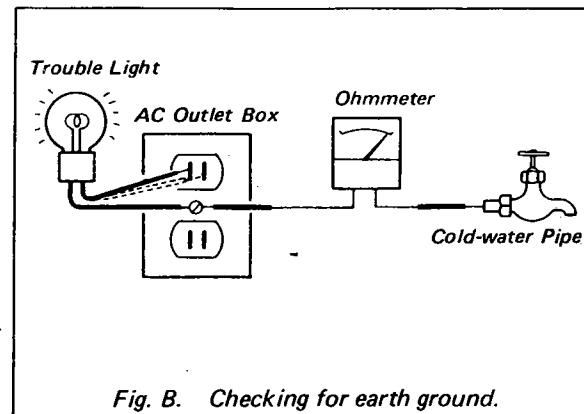


Fig. B. Checking for earth ground.

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SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ !!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÈCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1

GENERAL

1-1. FEATURES

High-resolution picture

The Super Fine Pitch Trinitron picture tube (0.25 mm aperture grill) gives high resolution (composite: 550 lines, RGB: 650 lines) picture. When used as a character display, up to 2000 characters (80 characters/line \times 25 lines) can be displayed with great clarity.

Analog/digital RGB input

Analog RGB and digital (TTL level) RGB input signals can be fed to the RGB input connectors (BNC type and 25-pin multi connectors), which allows a microcomputer or a data information system such as teletext, to be connected to this monitor.

Receives 4 TV broadcasting standards

This monitor can receive PAL, SECAM, NTSC and NTSC_{4.43} * signals. The appropriate broadcasting standard is selected automatically.

Colorpure Filter

When NTSC video signals are received, a colorpure filter activates to increase the resolution about 35%, resulting in fine picture detail without color spill or color noise.

Underscan mode

The signal normally scanned outside of the screen can be monitored in the underscan mode.

Automatic frequency control

The incoming sync timing error compensation speed can be set to fast or slow, according to the input signal. In the slow mode, the jitter from a video tape recorder can be easily monitored.

Superimposition of a picture from a microcomputer on a picture from video equipment

When a Sony SMC-70 or SMC-70G microcomputer, an SMI-7073 superimposer and video equipment such as a video disc player are used together with this monitor, a picture from the microcomputer can be superimposed on a picture from the video equipment.

* An NTSC_{4.43} system signal is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

By using an optional MB-502 mounting bracket, the PVM-1271Q/1371QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available.

For mounting details, see the appropriate instruction manual.

1-2. PRECAUTIONS

On safety

- Check that the operating voltage of your unit is identical with the voltage of your local power supply.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for several days.
- To disconnect the ac power cord, pull it out by the plug. Never pull the cord itself.

On installation

- Allow adequate air circulation to prevent internal heat build-up.

Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

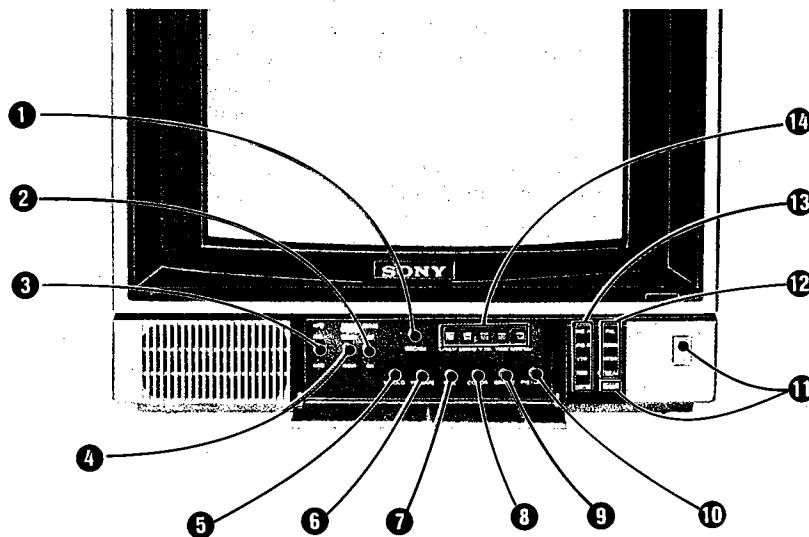
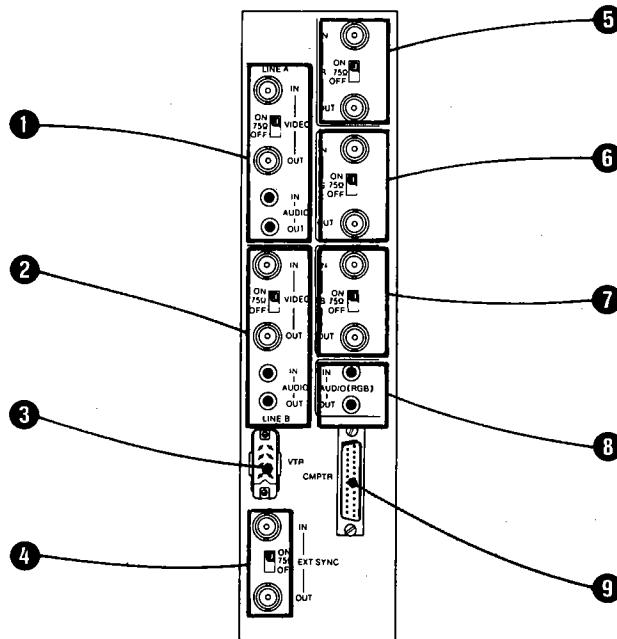
On cleaning

To keep the unit looking brand-new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner or benzine, or abrasive cleansers since these will damage the cabinet. As a safety precaution, unplug the unit before cleaning it.

On repacking

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

If you have any questions about this unit, contact your authorized Sony dealer.

1-3. LOCATION OF CONTROLS**Front panel****Rear panel**

1-4. FUNCTION OF CONTROLS

FRONT PANEL

① SECAM button

Press this button when a picture from SECAM color sources is distorted. The picture will become clear.

② SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear PANEL. When an external sync is supplied, with either a composite or non-composite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

③ AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.
FAST: incoming sync timing errors are compensated for.

Normally, set this switch to this position.

SLOW: incoming sync timing errors are displayed on the screen.

This mode is used to monitor the jitter from a VTR.

④ SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 9%.

⑤ V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

⑥ VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

⑦ HUE control

This control is effective only for playing tapes of the NTSC or NTSC_{4.43} system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones more greenish; counterclockwise rotation makes them more purplish.

⑧ COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture more vivid; counterclockwise rotation makes it paler.

⑨ BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

⑩ PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

⑪ POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

⑫ Color system indicators

Indicate the color system of the input video signal.

⑬ Input indicators

Illuminate to indicate the input select button pressed.

⑭ Input select buttons

Press to select the program to be monitored.

LINE A: for a signal from the LINE A connectors.

LINE B: for a signal from the LINE B connectors.

VTR: for a signal from the 8-pin VTR connector.

RGB: for a signal from the R, G and B connectors.

CMPTR: for a signal from the 25-pin CMPTR connector.

REAR PANEL**① LINE A ② LINE B**

Two groups (A and B) of line input connectors for the composite video and audio signals and their loop-through output connectors.

To monitor the input signals to these connectors, press the LINE A or LINE B input select button on the front panel.

VIDEO IN connector (BNC type)

Connect to the video output of a video equipment, such as a VTR or a color video camera. For a loop-through connection, connect to the video output of another monitor.

VIDEO OUT connector (BNC type)

Loop-through output of the VIDEO IN connector. Connect to the video input of a VTR or another monitor.

AUDIO IN jack (mini)

Connect to the audio output of a VTR or to a microphone via a suitable microphone amplifier. For a loop-through connection, connect to the audio output of another monitor.

AUDIO OUT jack (mini)

Loop-through output of the AUDIO IN jack. Connect to the video input of a VTR or another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON. When both the VIDEO IN and VIDEO OUT connectors are used together for loop-through connection, set this switch to OFF.

③ VTR connector (8-pin)

Line input for the video and audio signals. When connected with the 8-pin TV connector of a VTR, the video and audio playback signal from the VTR can be connected with a single cable.

To monitor the input signal to this connector, press the VTR input select button on the front panel.

● For connection, use an optional video cable VMC-3P (3 m, 9 feet), -5P (5 m, 15 feet) or -10P (10 m, 33 feet).

④ EXT SYNC (external sync)**IN connector (BNC type)**

When this monitor operates on an external sync signal, connect the reference signal from a sync generator here.

OUT connector (BNC type)

Loop-through output of the EXT SYNC IN connector. Connect to the external sync input of video equipment to be synchronized with this monitor.

75-ohm termination switch

When only the EXT SYNC IN connector is used (nothing is connected to the EXT SYNC OUT connector), set this switch to ON.

When both the EXT SYNC IN and EXT SYNC OUT connectors are used together for a loop-through connection, set this switch to OFF.

⑤ R ⑥ G ⑦ B ⑧ AUDIO (RGB)

Analog RGB and audio input connectors and their loop-through output connectors.

To monitor the input signal to these connectors, press the RGB input select button on the front panel.

R/G/B IN connectors (BNC type)

Connect a character generator, microcomputer or video camera having RGB outputs here.

R/G/B OUT connectors (BNC type)

Loop through output of the R/G/B IN connectors. Connect to the RGB inputs of another monitor here.

75-ohm termination switch

When only the R/G/B IN connector is used (nothing is connected to the R/G/B OUT connector), set this switch to ON. When both the R/G/B IN and R/G/B OUT connectors are used together for a loop-through connection, set this switch to OFF.

AUDIO (RGB) IN jack (mini)

Connect the audio output of the equipment connected to the R/G/B IN connectors here.

AUDIO (RGB) OUT jack (mini)

Loop-through output of the AUDIO (RGB) IN jack.

⑨ CMPTR (computer) connector (25-pin)

Connect with a microcomputer having a digital (TTL level) or analog RGB video output.

To monitor the input signal to this connector, press the CMPTR input select button on the front panel.

Color temperature selection

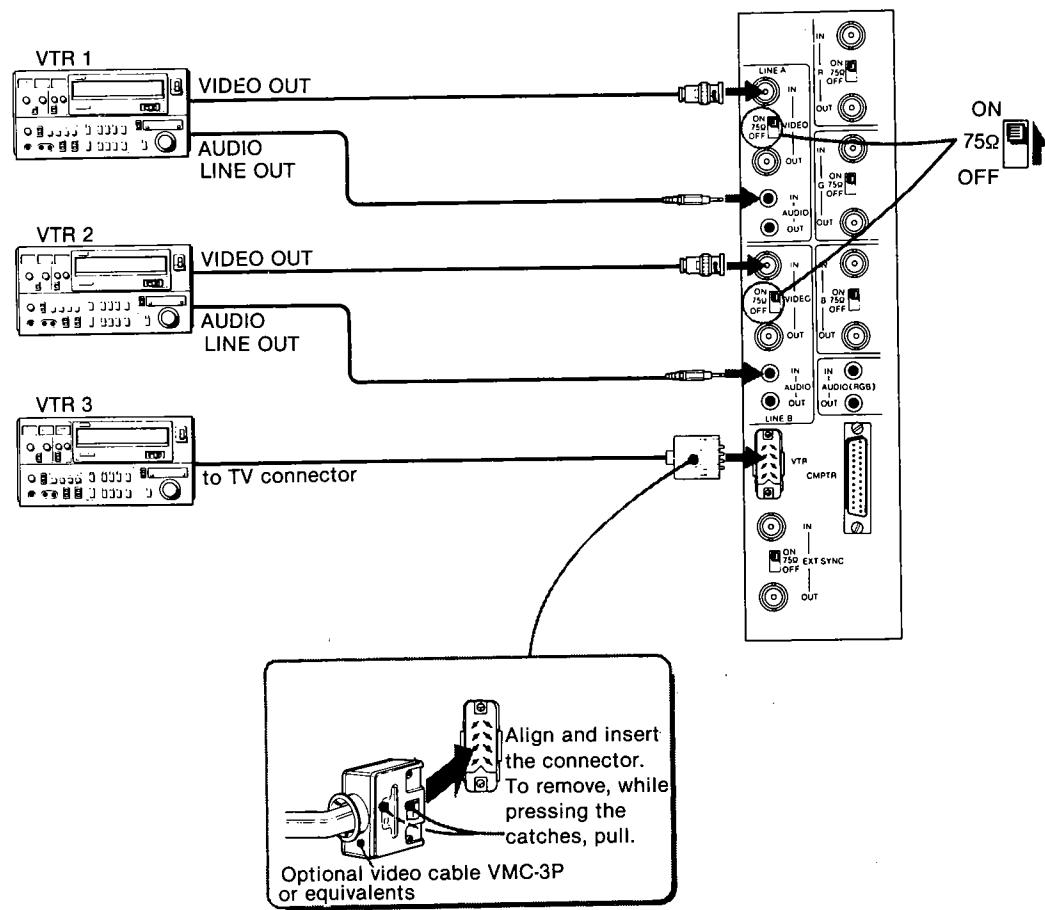
The color temperature of the PVM-1271Q has been preset at the factory to 9,300°K, and can be changed to 6,500°K.

The color temperature of the PVM-1371QM has been preset to 6,500°K, and can be changed to 9,300°K.

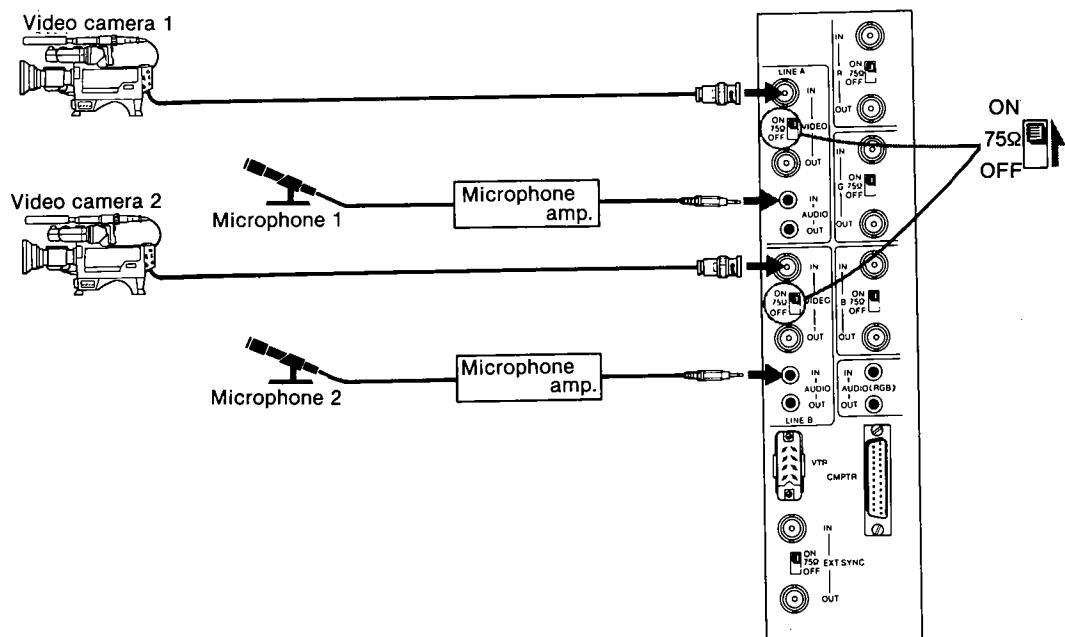
If the switching of the color temperature is required, consult your authorized Sony dealer.

1-5. SYSTEM CONNECTIONS

CONNECTING A VTR

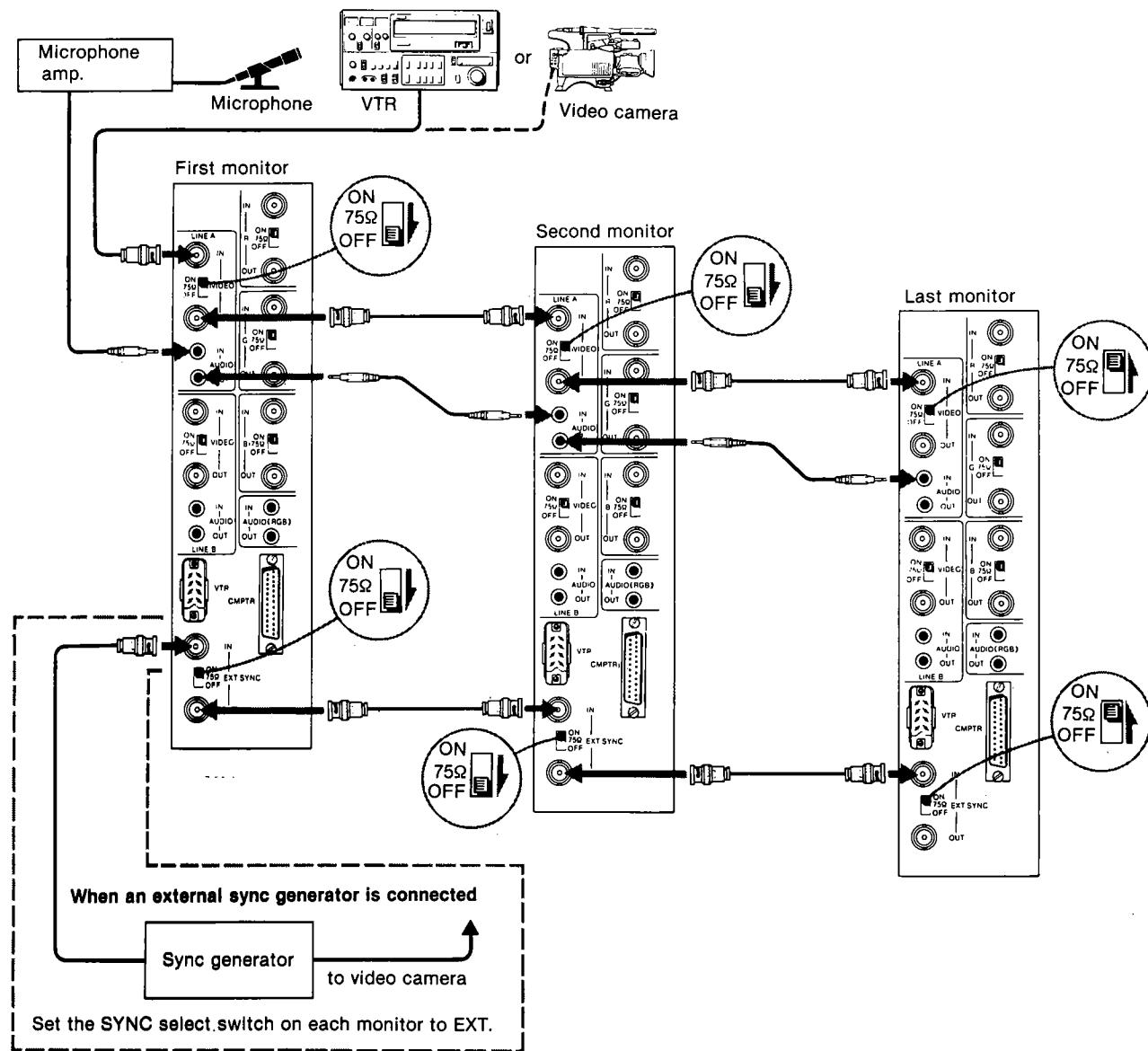


CONNECTING A CAMERA AND A MICROPHONE

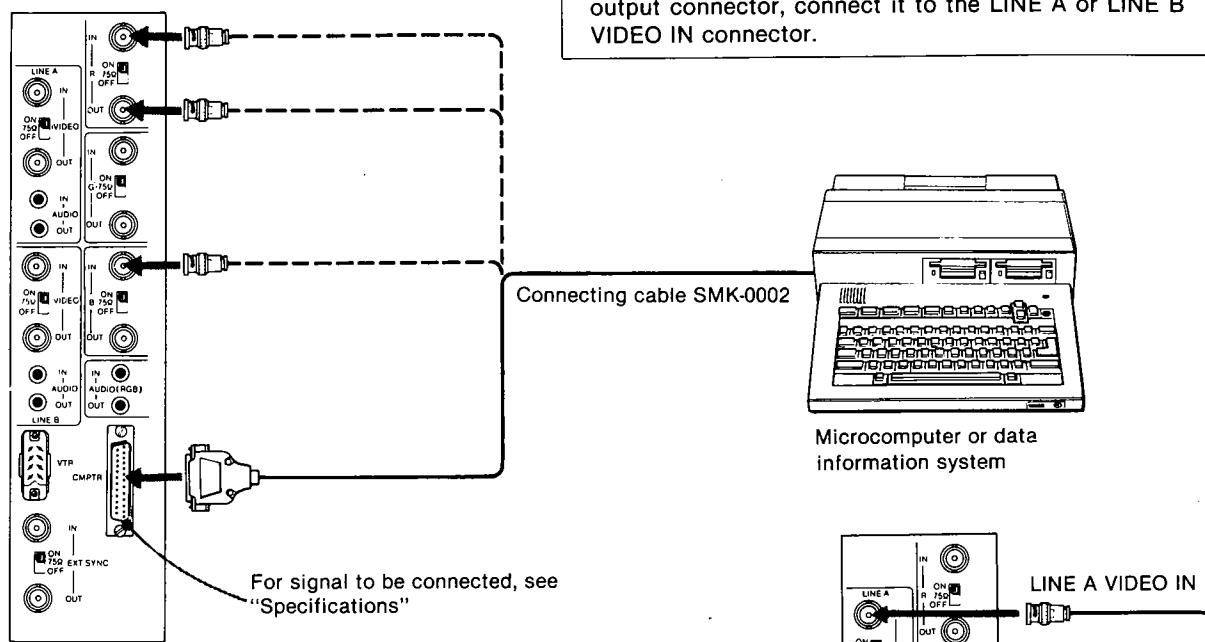


CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Use the video/audio input and output connectors of LINE A or LINE B to connect the monitors. Up to 10 monitors can be connected. Set the 75-ohm termination switch of the last monitor to ON and that of the other monitors to OFF.



CONNECTING A MICROCOMPUTER OR A TERMINAL FOR DATA INFORMATION SYSTEM

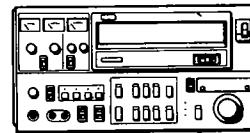


SUPERIMPOSING A PICTURE FROM A MICROCOMPUTER OVER A PICTURE FROM A VIDEO EQUIPMENT OR MIXING THESE TWO PICTURES

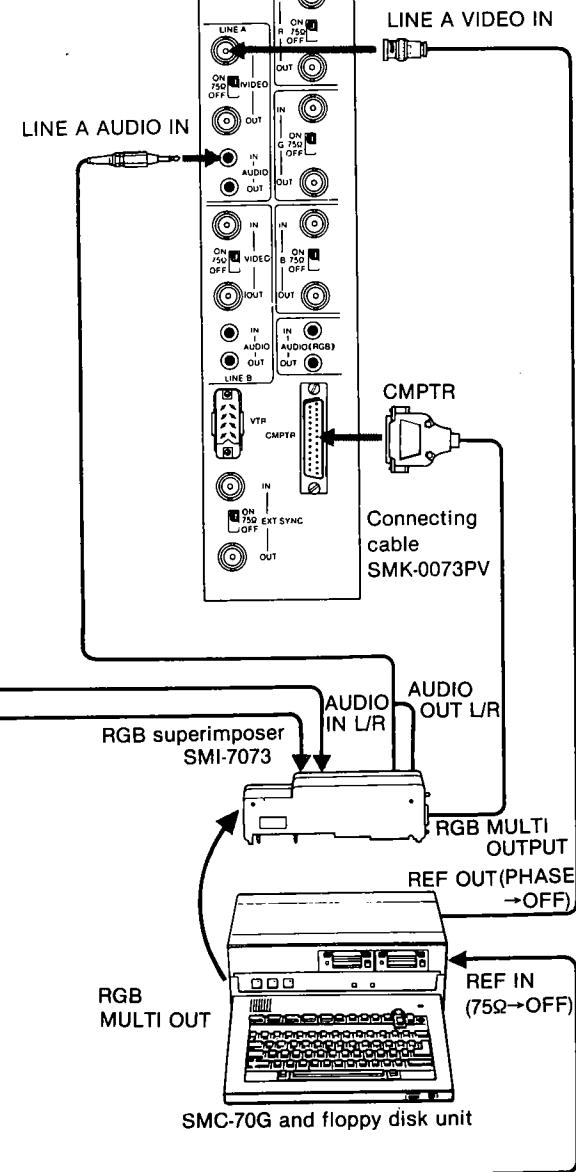
Using the Sony SMI-7073 superimposer, a picture from a microcomputer can be superimposed on this monitor's screen over a picture from video equipment.

When the SMC-70 microcomputer is used, superimposition of pictures from a video disc player and from the SMC-70 is possible. When the SMC-70G microcomputer is used, superimposition of pictures from the SMC-70G and video equipment in addition to a video disc player, such as a video camera or a VTR, is possible.

VTR, video disc player, video camera, etc.



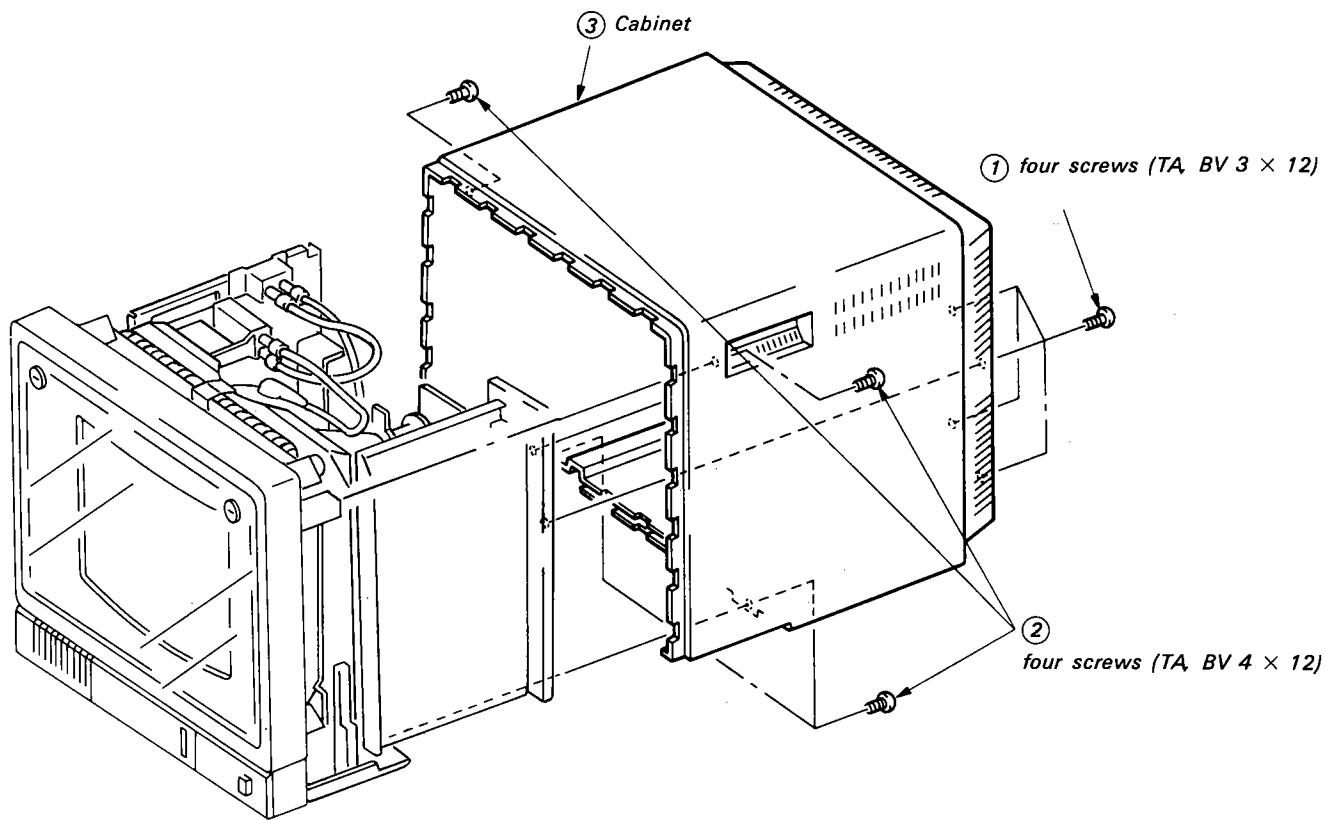
Video output



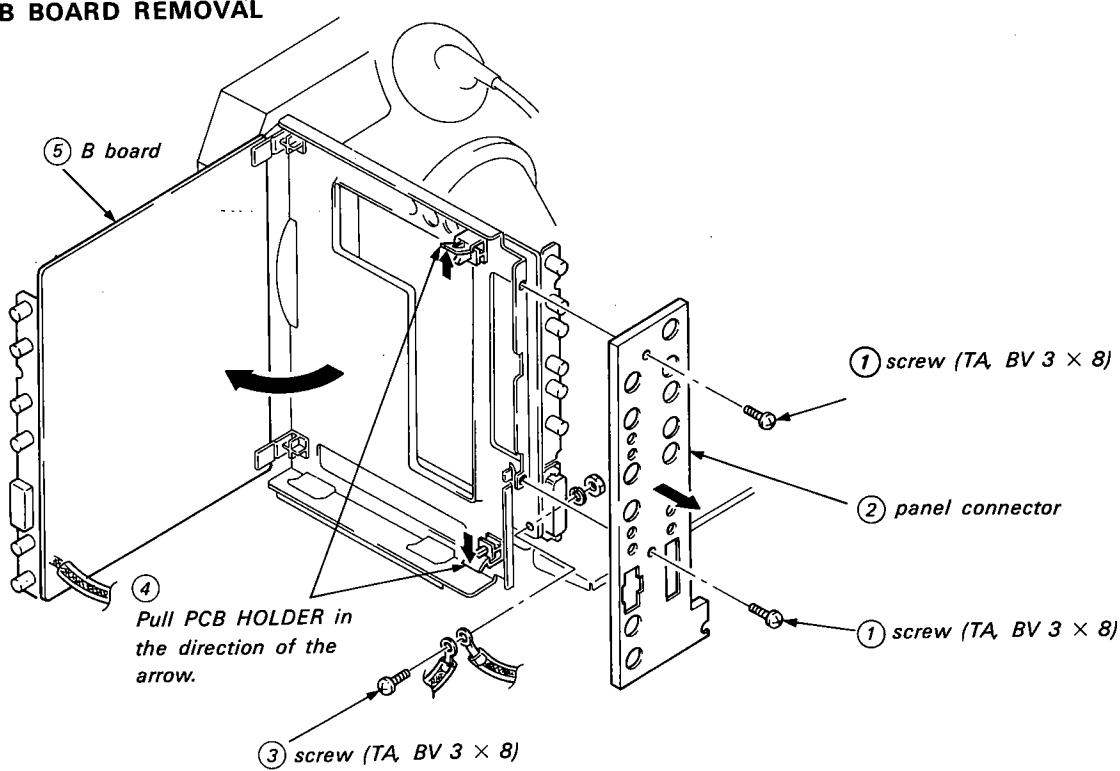
SECTION 2

DISASSEMBLY

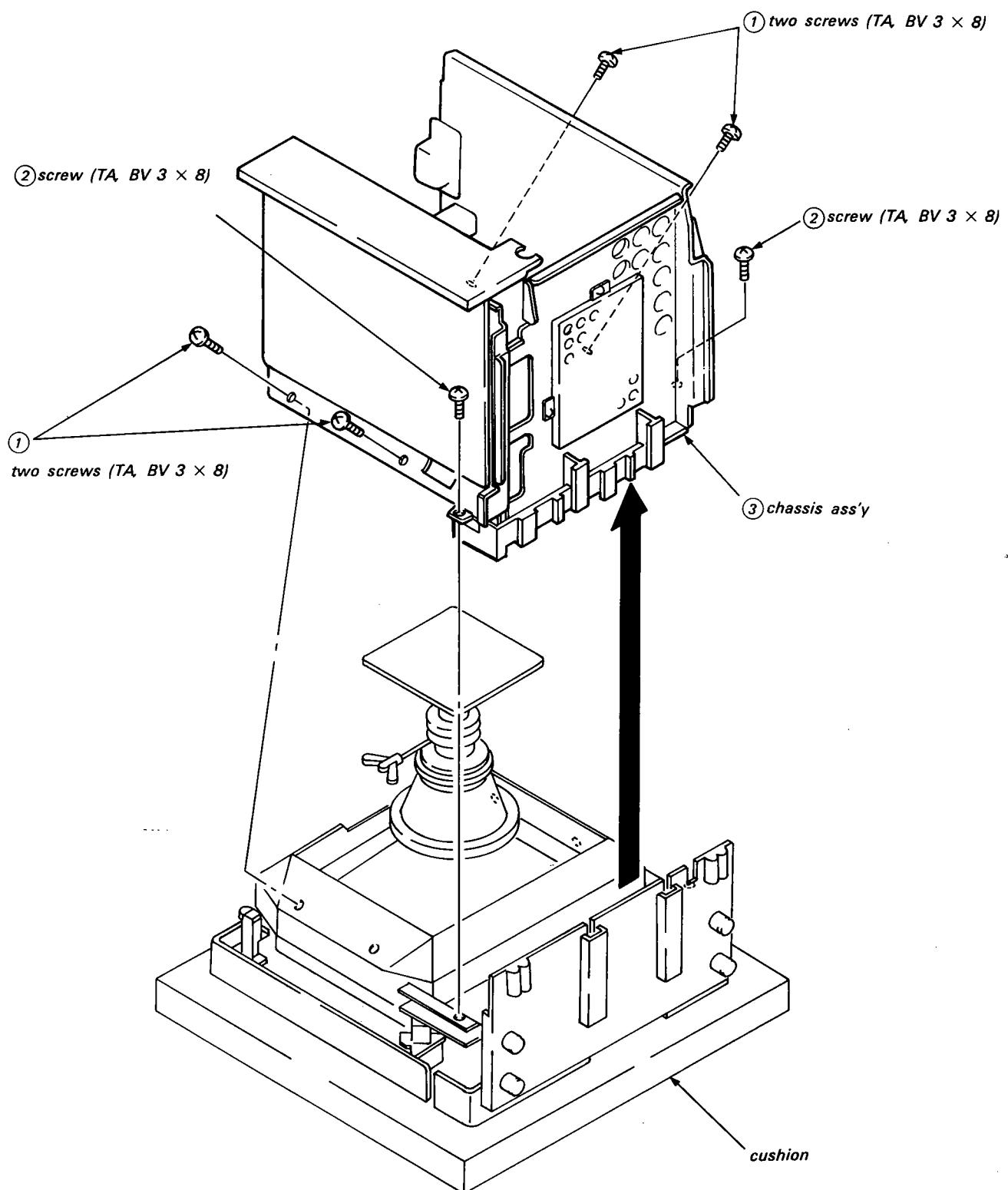
2-1. CABINET ASS'Y REMOVAL

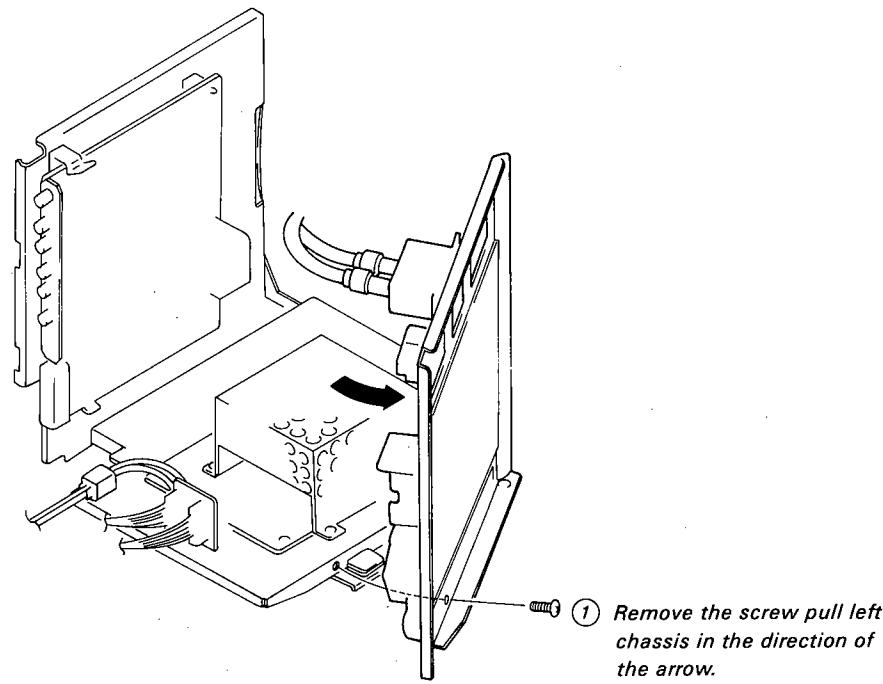
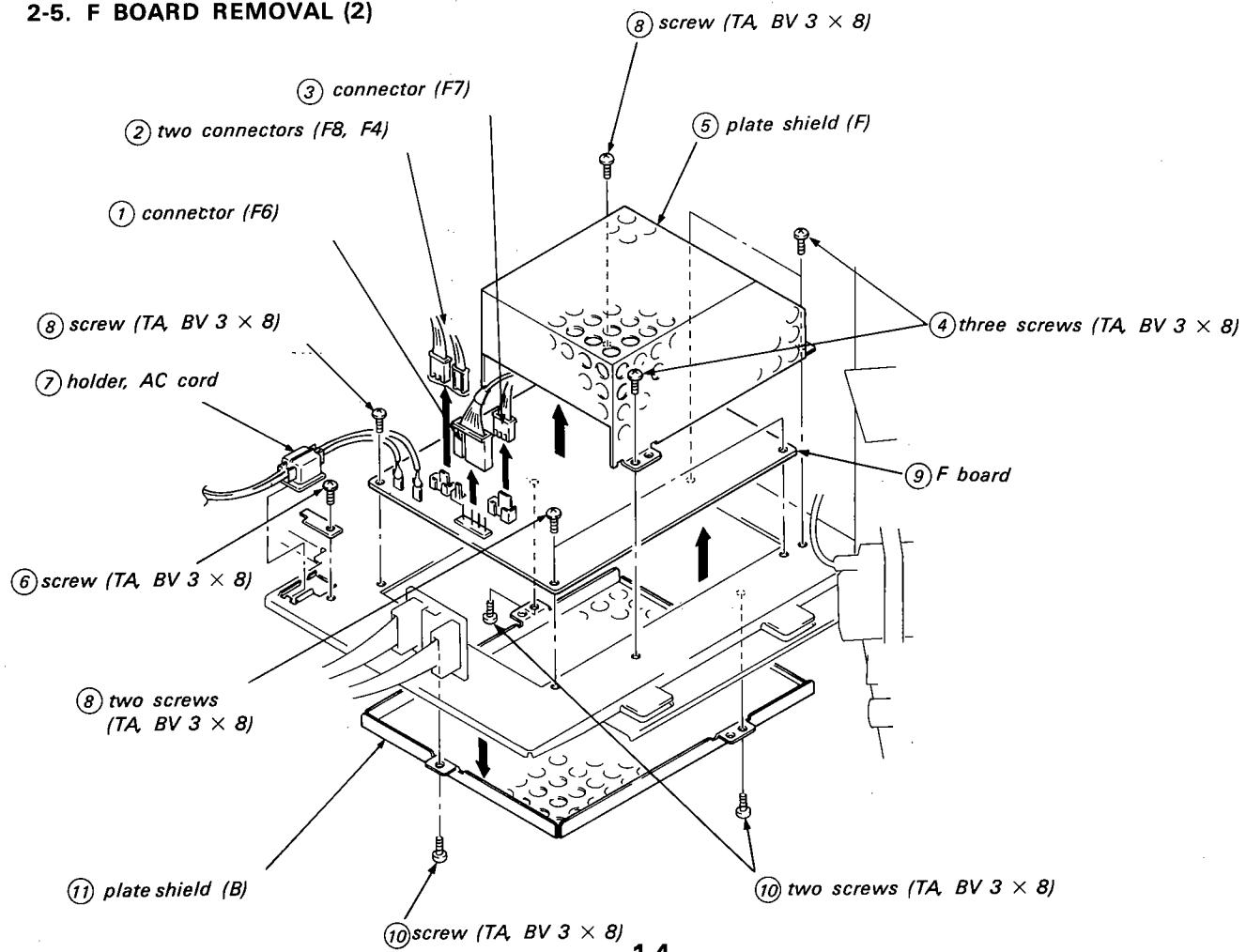


2-2. B BOARD REMOVAL

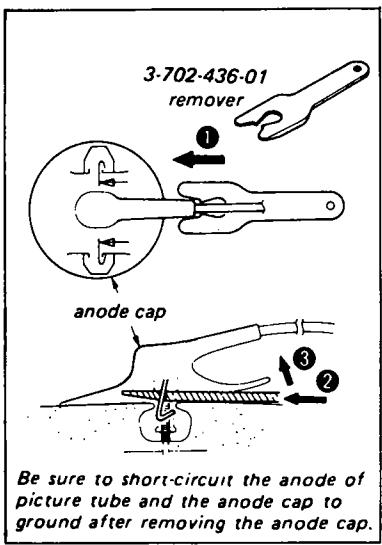


2-3. CHASSIS ASS'Y REMOVAL

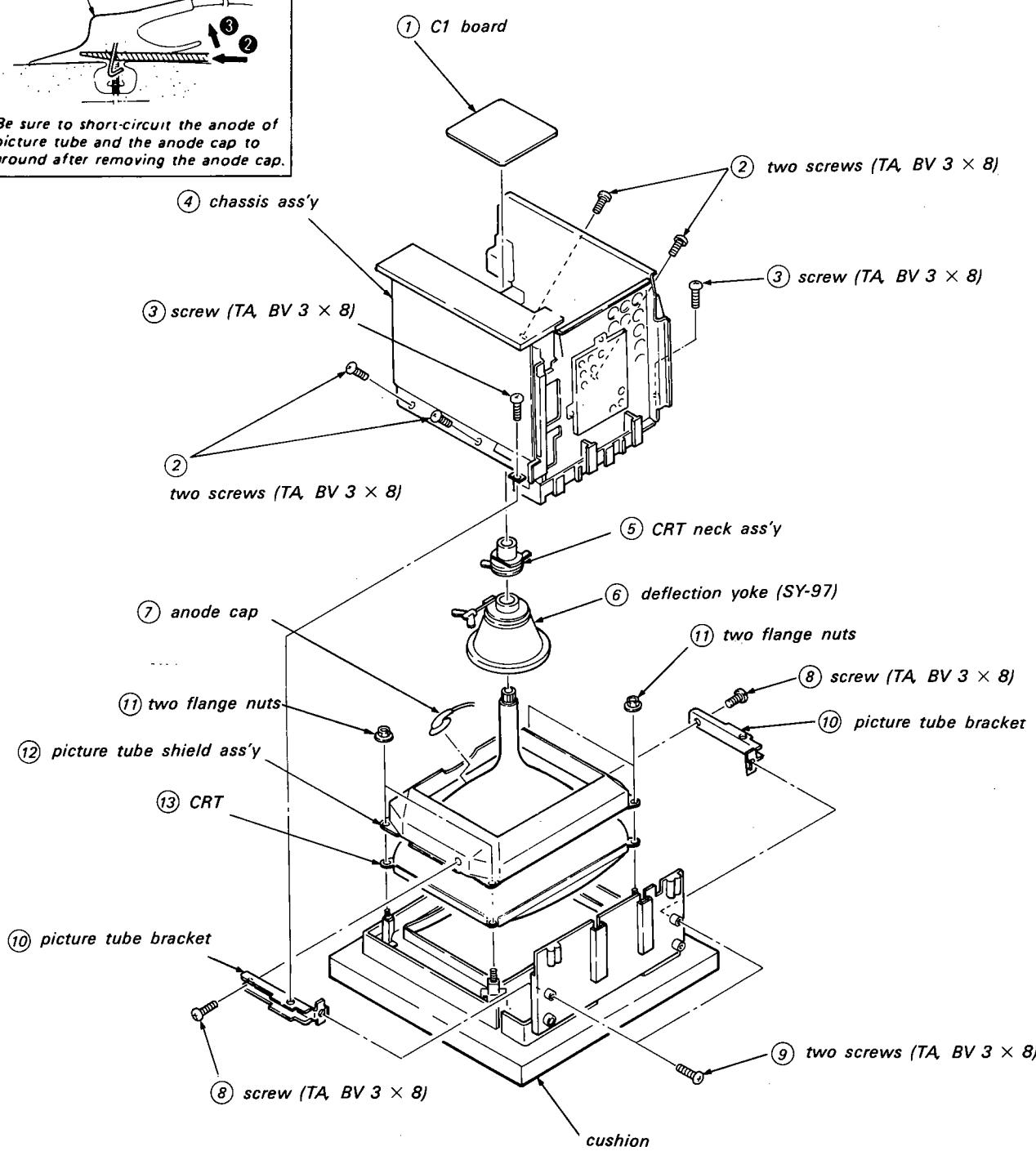


2-4. F BOARD REMOVAL (1)**2-5. F BOARD REMOVAL (2)**

2-6. PICTURE TUBE REMOVAL



Be sure to short-circuit the anode of picture tube and the anode cap to ground after removing the anode cap.



SECTION 3

ADJUSTMENTS

3-1. SETUP ADJUSTMENTS

3-1-1. BEAM LANDING

Landing Adjustment In the case of a 6,500°K color temperature, the number of VRs to be adjusted will differ.

- (1) Turn on set power supply and receive and all-white signal.
- (2) Evenly degauss the entire screen.
- (3) Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Fig. 3-1.
- (4) Set BKG volume RV706 (R) to maximum and set RV704 (G) and RV702 (B) to minimum.
- (5) Move the deflection yoke back, and adjust the purity control so that (R) is in the center and (G) and (B) are at the sides, evenly. (Fig. 3-2)
- (6) Move the deflection yoke forward so that the entire screen is R.
- * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
- (7) Substitute (R), then (B) for (G) in step (4) and check landing.
- (8) Rotate (R), (G) and (B) once each and check landing.
- (9) When landing is not right, adjust the purity control and use magnets as shown in Fig. 3-3, then repeat steps (7) and (8).
- (10) When a magnet is used, be sure to perform step (2), and tighten deflection yoke mounting screw loosely.

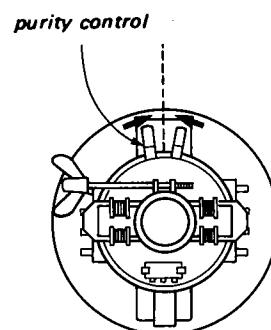


Fig. 3-1.

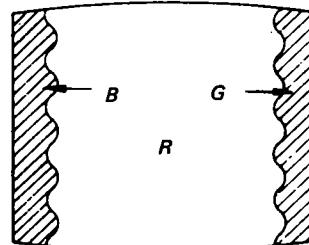


Fig. 3-2.

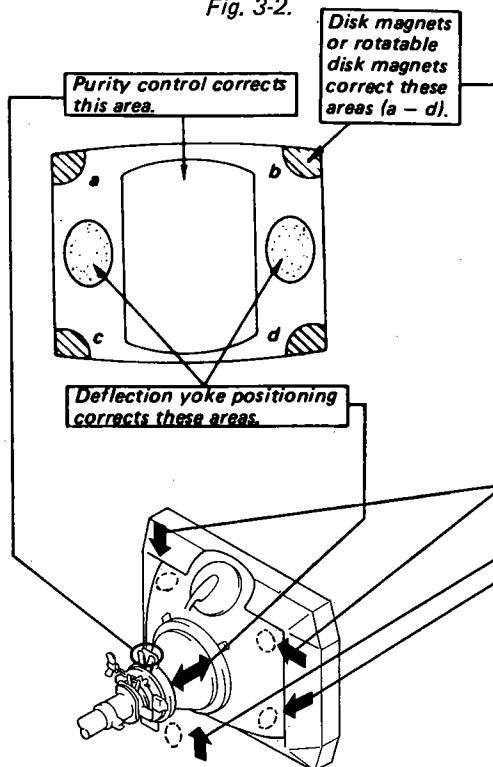
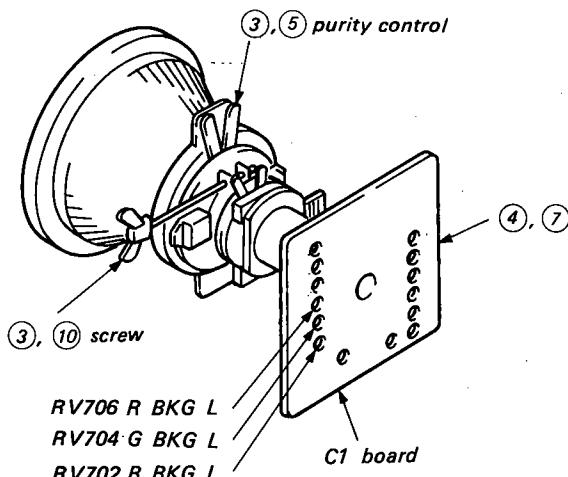


Fig. 3-3.



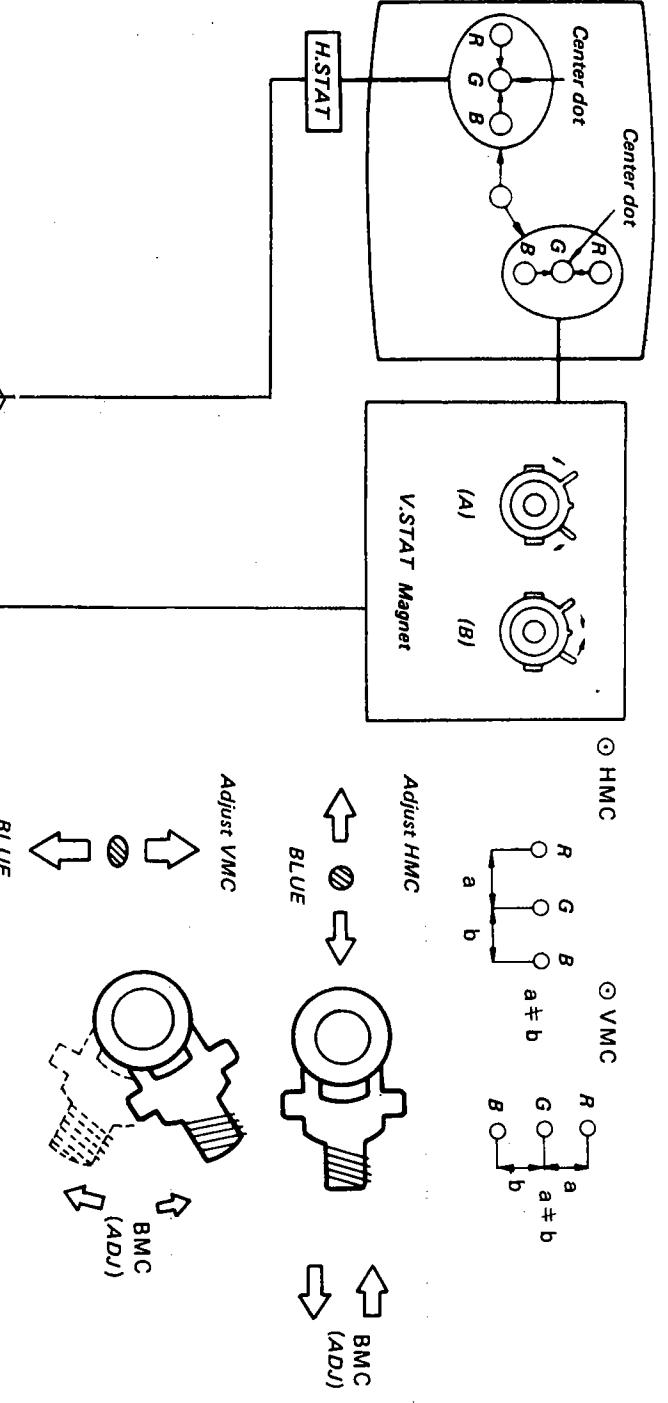
Note: The circled numbers (3)- (7) and (10) shown above steps.

3-1-2. CONVERGENCE

Preparation:

- Before starting, perform FOCUS, H.SIZE, V.SIZE and V.LIN adjustments.
- Set BRIGHTNESS control to fully counterclockwise.
- Feed in the dot pattern.

- In either case, repeat Beam Landing Adjustment.
- (1) Horizontal and Vertical Static Convergence
- If blue dot does not coincide with red and green dots, perform following steps.
- Move BMC magnet to correct insufficient H static convergence.
- Rotate BMC magnet to correct insufficient V.static convergence.



3-1-4. WHITE BALANCE

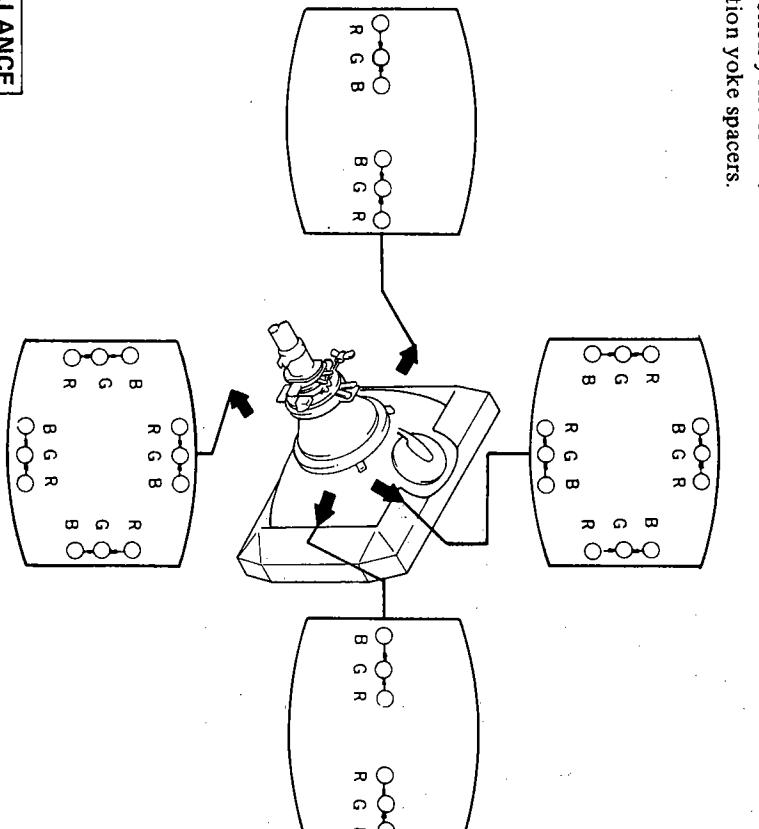
Preparations

Adjustment of Screen (G2)

- 1) Make the picture into minimum size by receiving monoscope signal, and set the brightness at 50%. The G1 voltage at the time should be $5 \pm 1V$.
- 2) Adjust BKG VR (RV702, 704 and 706) so that R.G.B. Cathode voltage becomes 110V DC
- 3) Adjust with G2 VR (RV713) immediately prior to the disappearing of the luminescent line.

[For 9300°K Color Temperature:]

- 1) Receive a totally white signal from the pattern generator.
- 2) Attach an oscilloscope to the input point B (blue) of C1 board, and perform adjusting with RV107 (SUB CONT VR) so that the signal of the maximum size of picture will become 1.8V.



- ADJUSTMENT
- Preparation
- 1) Connect (Chron)
 - 2) Set the to "R.C"
 - 3) PICTU with R second
 - 4) Set the PICTU with R second
 - 5) Confirm at 1.8V

3-1-4. WHITE BALANCE

Preparation:

Static Convergence Adjustment.

- 1) Loosen deflection yoke screw.
- 2) Remove deflection yoke spacers.
- 3) Move the deflection yoke for best convergence as shown below.
- 4) Tighten the deflection yoke screw.
- 5) Install the deflection yoke spacers.

- 1) Set the 6500°K
- 2) PICTU BRIG
- 3) Adjust RV404
- 4) Raise t there is 9300°K
- 5) Confir

- 3) BKG VR (RV708, 710, and 712) at 20%, and the various DRIVE VR (RV701, 703, and 705) at 60%.
- 4) Turn all the other BKG VR than the one for the color that started glowing first, and adjust the white balance at cut-off.
- 5) Adjust the high light side white balance with drive VR.
- 6) By turning other drive VR than the one for the color glowing the brightest of all, adjust the white balance. Repeat operating steps (3) and (4).

[For 6500°K Color Temperature:]

- 1) By turning bKG VR (RV702, 704, and 706) and drive VR (RV707, 709, and 711), make the same adjustment as in the 9,300°K color temperature mode.

3-1-3. FOCUS (RV714)

- 1) Feed in monoscope signal, (PICTURE: 80%, BRIGHT: 50%)
- 2) Adjust RV714 for best Focus.

ADJUSTMENT OF RGB WHITE BALANCE

Preparations:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
- If H static is sufficient

1. Loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



- 1) Connect the connector as shown in diagram.
(Chroma off of color bar signal)
- 2) Set the mode switching button on the control panel to "R.G.B." mode.
- 3) PICTURE VR (RV684) ... Maximum
- 4) Set the BRIGHTNESS VR (RV681) ... 50% at mechanical center
Confirm that pin ③ (green) of connector Q-4 is set at 1.8 Vp-p.
- 5) Set the PICTURE VR (RV684) at minimum size, and adjust with RV402 (BRT) so that the screen stripe to the second point counting from the right lights faintly.

Adjustment:

- 1) Set the chromatic temperature selection switch at 6500°K.
- 2) PICTURE VR (RV684) ... Minimum
- 3) Adjust the respective RGBs with BRT VR (RV403, RV404 and R405)
- 4) Raise the PICTURE VR (RV684) and confirm that there is no change in the chromatic temperature
- 5) Confirm by setting chromatic selection switch at 9300°K.



3-1-4. WHITE BALANCE

Preparations

Adjustment of Screen (G2)

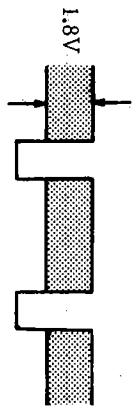
- 1) Make the picture into minimum size by receiving monoscope signal, and set the brightness at 50%. The G1 voltage at the time should be 5 ± 1 V.
- 2) Adjust BKG VR (RV702, R704 and R706) so that R.G.B. Cathode voltage becomes 110V DC
- 3) Adjust with G2 VR (RV713) immediately prior to the disappearing of the luminescent line.

[For 9300°K Color Temperature:]

- 1) Receive a totally white signal from the pattern generator.
- 2) Attach an oscilloscope to the input point B (blue) of C1 board, and perform adjusting with RV107 (SUB CONTRVR) so that the signal of the maximum size of picture will become 1.8V.

[For 6500°K Color Temperature:]

- 1) By turning bKG VR (RV702, 704, and 706) and drive VR (RV707, 709, and 711), make the same adjustment as in the 9,300°K color temperature mode.



1.8V

3-2. SAFETY RELATED ADJUSTMENTS

HOLD DOWN 1 Adjustment (R829 Adjustment)

Be sure to perform this after replacing the parts below (marked on the schematic):

- R825, R826, R827, R828, R829, R830, R831, R832, R834, R842, R852, R863, R864, R865, R866, D803, D804, IC501, IC803, R833.

Note: The $\textcircled{1}$ pin of IC803 is the hold down check point \textcircled{A} .

Dissengage ABL terminal of FBT from the foil and connect the ammeter as shown to measure the ABL terminal current.

1. Feed in color-bar signal.
2. Set the BRIGHT, PICTURE & COLOR control to minimum. ($\text{ABL} = 70 \mu\text{A}$)

3. Confirm that the HOLD DOWN CIRCUIT operates and the raster disappears when $15.50^{+0.0}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

4. Confirm that the HOLD DOWN CIRCUIT does not operate when $14.80^{+0.10}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

Note: If the HOLD DOWN CIRCUIT operates, immediately cut input and applied voltage.

5. Feed in an MONOSCOPE signal and adjust ABL current to $570 \pm 50 \mu\text{A}$ with PICTURE, BRIGHT, etc. VRs.

6. Confirm that the HOLD DOWN CIRCUIT operates and the raster disappears when $14.50^{+0.10}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

Note: When raster disappears, cut input voltage and applied voltage immediately.

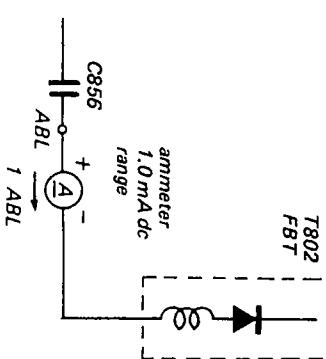
7. Confirm that the HOLD DOWN CIRCUIT does not operate when $13.50^{+0.10}_{-0.10} \text{ V DC}$ is applied to hold down check point \textcircled{A} from an external DC power supply.

Note: If the HOLD DOWN CIRCUIT operates, immediately cut input and applied voltage.

8. Adjust R829 so that steps 3, 4, 6 and 7 are satisfied.

9. Set the ABL terminal back to its original position.

10. Confirm that the voltage on pin $\textcircled{1}$ of IC803 is $10.6 \pm 14.3 \text{ V DC}$ at the normal condition.

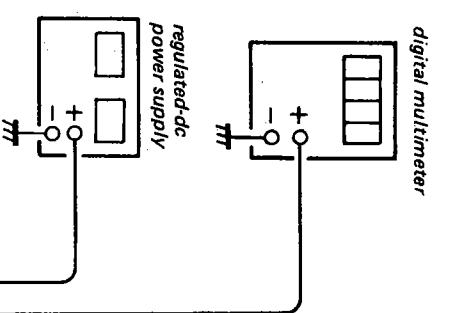


Disengage the ABL terminal of FBT from the foil by un-soldering and connect negative probe to the ABL PIN of FBT.

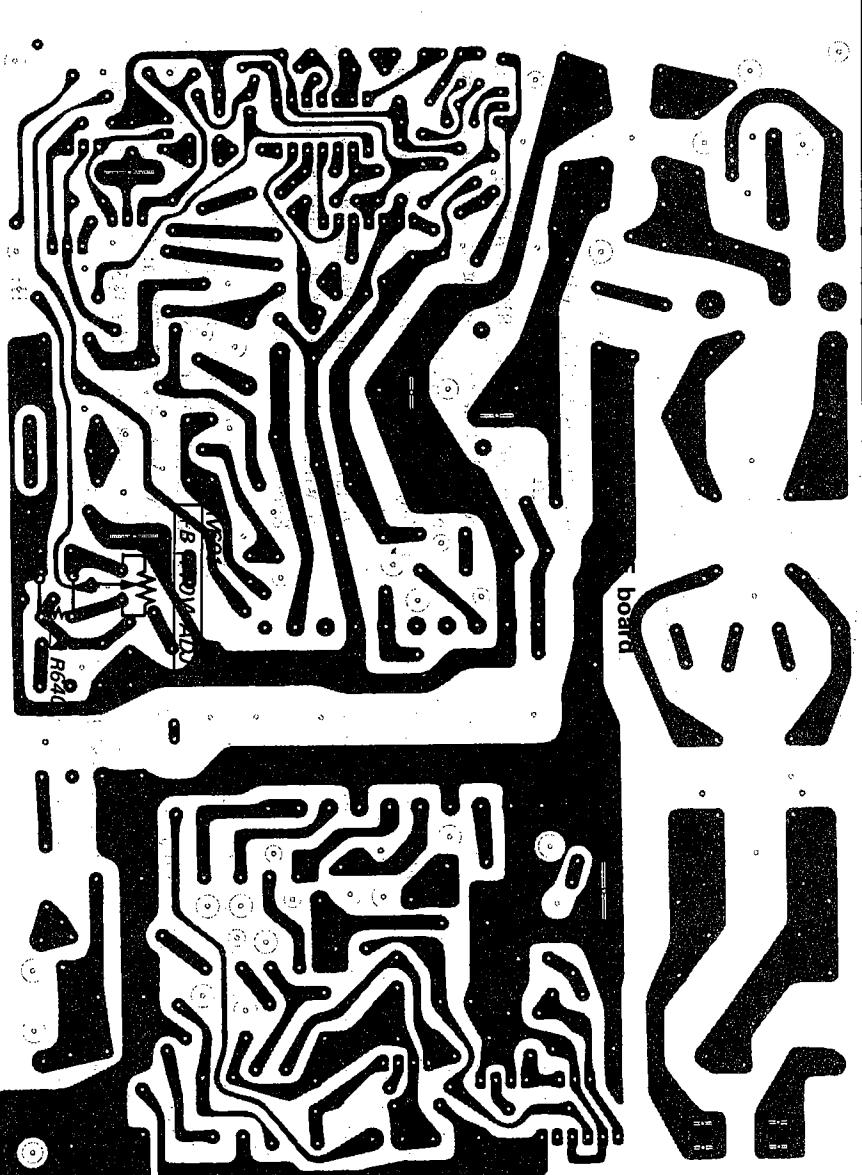
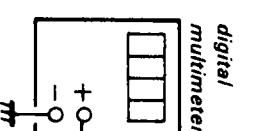
+B MAX Check (R640 Adjustment)

Be sure to perform this adjustment when replacing the following parts (marked on the schematic):

- R614, R615, R616, R622, R624, R632, R640, RV601, T603, T604, D608, D611, IC601.



1. Input a dot signal. Set PICTURE control at 80% and BRIGHT control at 50%.
2. Supply 100 V AC with variable auto-transformer.
3. Adjust RV601 on F board so that +B voltage is $109.0 \pm 0.5 \text{ V}$.
4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
5. Confirm that +B value is less than 115.0 V .

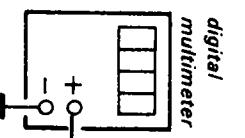


+B MAX Check (R640 Adjustment)

Be sure to perform this adjustment when replacing the following parts (marked on the schematic):

R614, R615, R616, R622, R624, R632, R640, RV601,
T603, T604, D608, D611, IC601.

1. Input a dot signal.
2. Input a AC 130 ± 2 V.
3. Put set in cut-off state.
4. Turn board +B ADJ VR (RV601) fully so that +B value is maximum.
5. Confirm that +B value is less than 115.0 V.

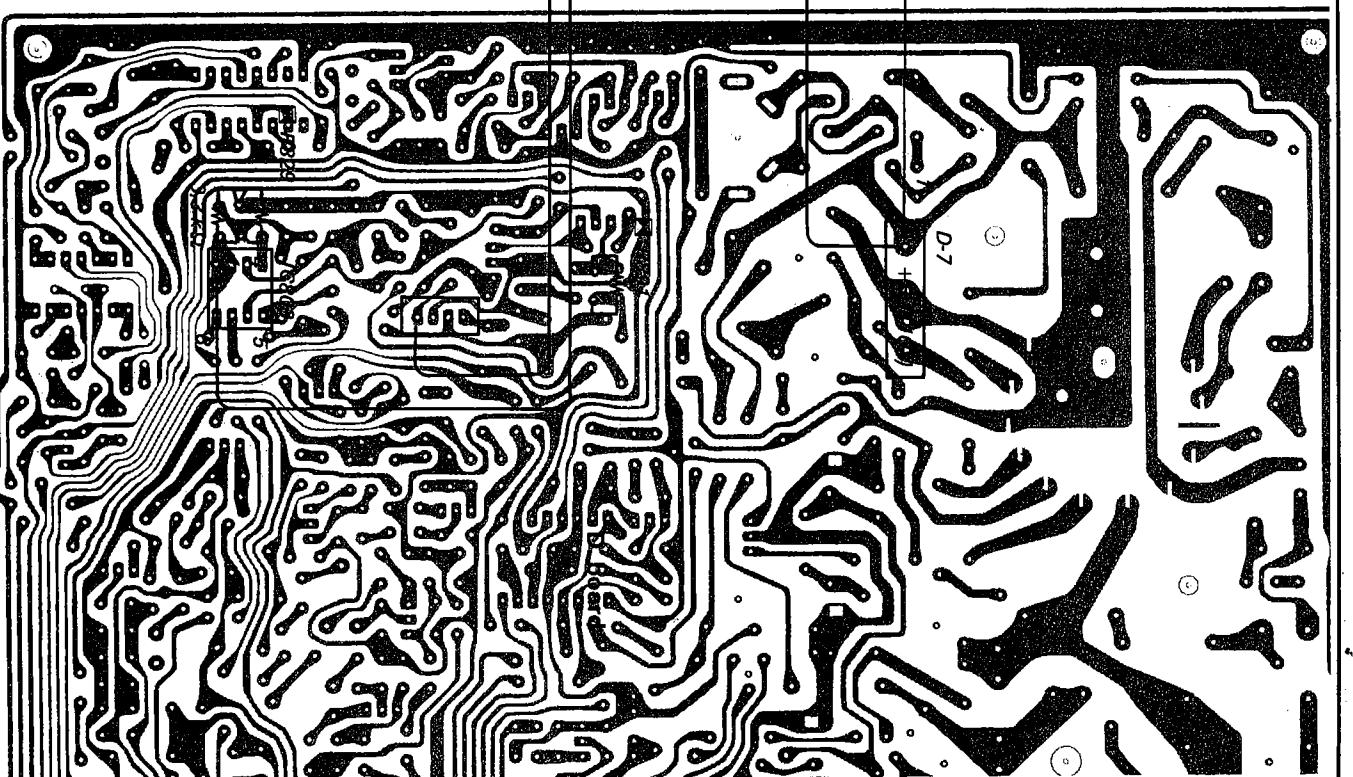
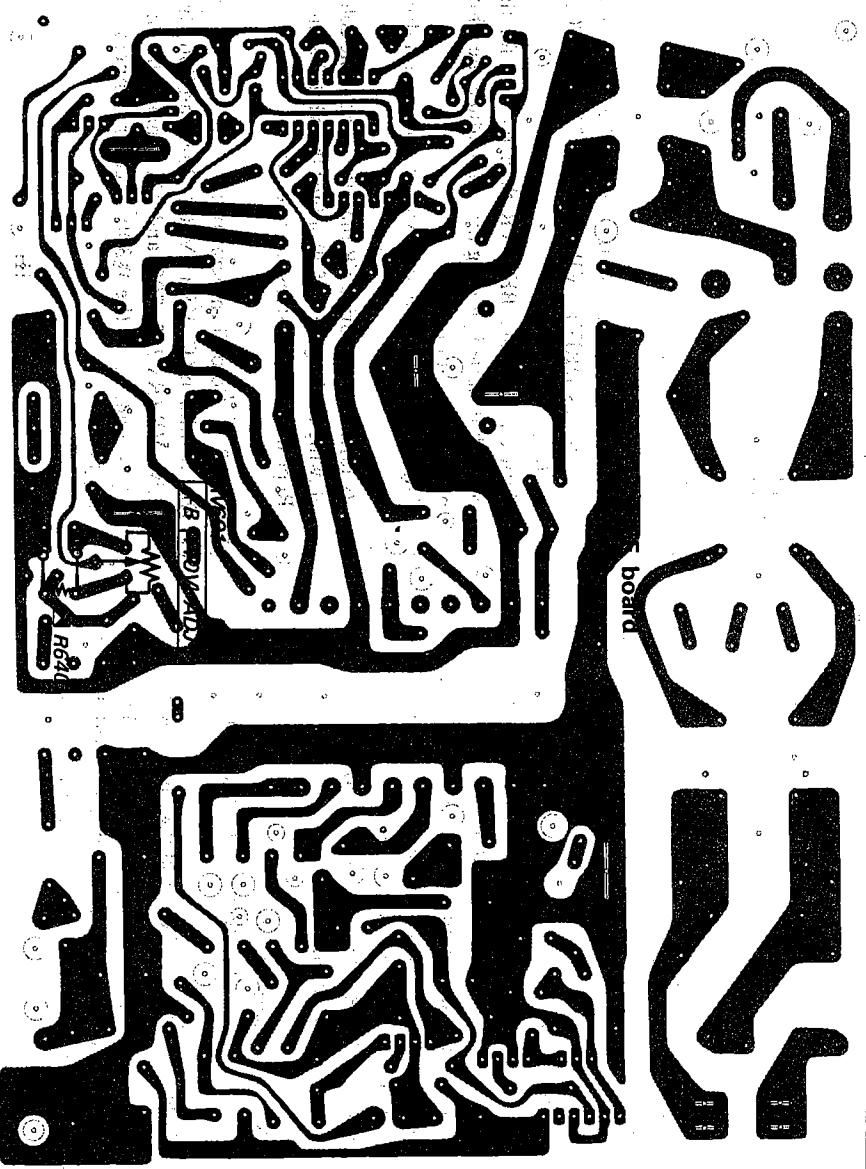


+B VOLTAGE Adjustment

(1) Feed in a monoscope signal.

Set PICTURE control at 80% and BRIGHT control at 50%.

- (2) Supply 100 V AC with variable auto-transformer.
- (3) Adjust RV601 on F board so that +B voltage is 109.0 ± 0.5 V.



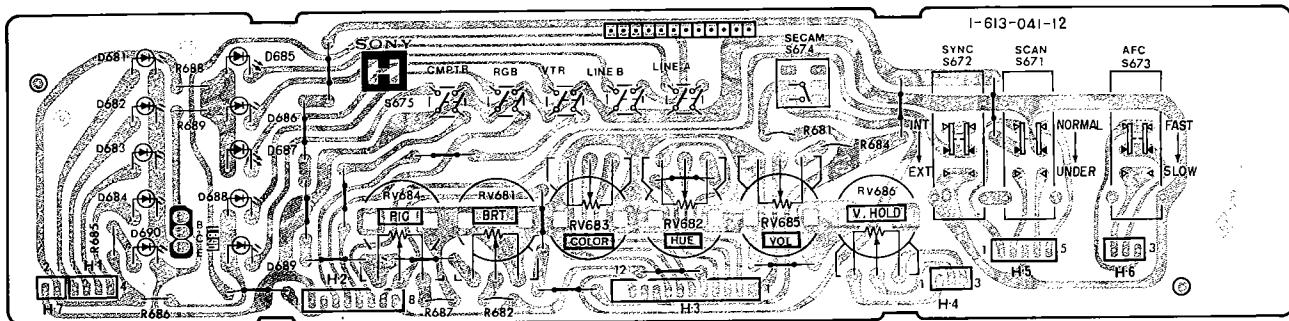
[CUSTOMER CONTROL,
INPUT SIGNAL INDICATOR]

H

1 | **2** | **3** | **4** | **5** | **6** | **7**

A

A



1

8

8

0

4

C1

[R.G.B. OUT, R.G.G. DRIVE,
R.G.B. BKG]

1

2

3

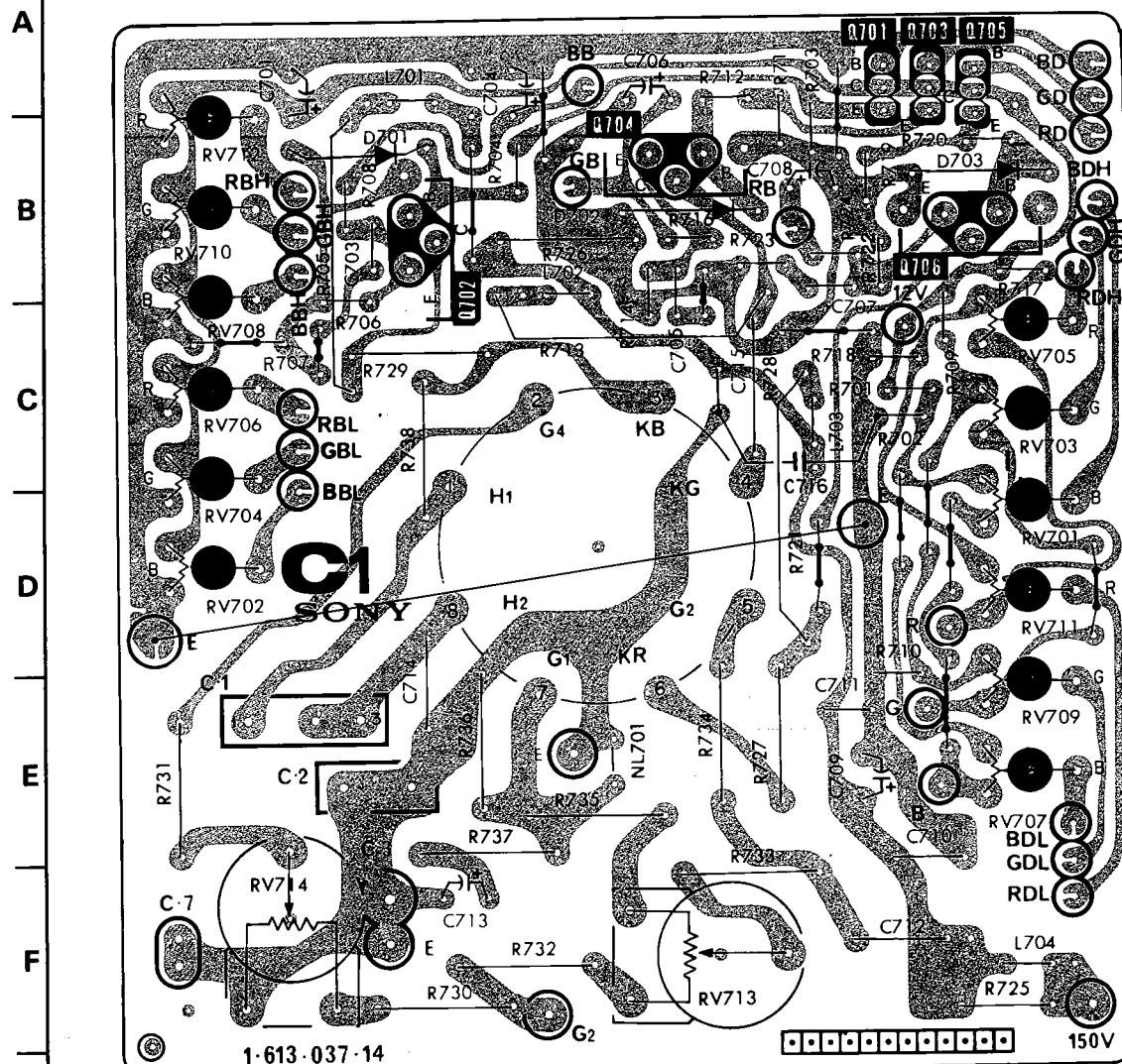
4

9

6

7

– C1 Board –



C2

[COLOR TEMPERATURE SELECT]

1

2

3

4

5

6

7

- C2 Board -

A

B

C

D

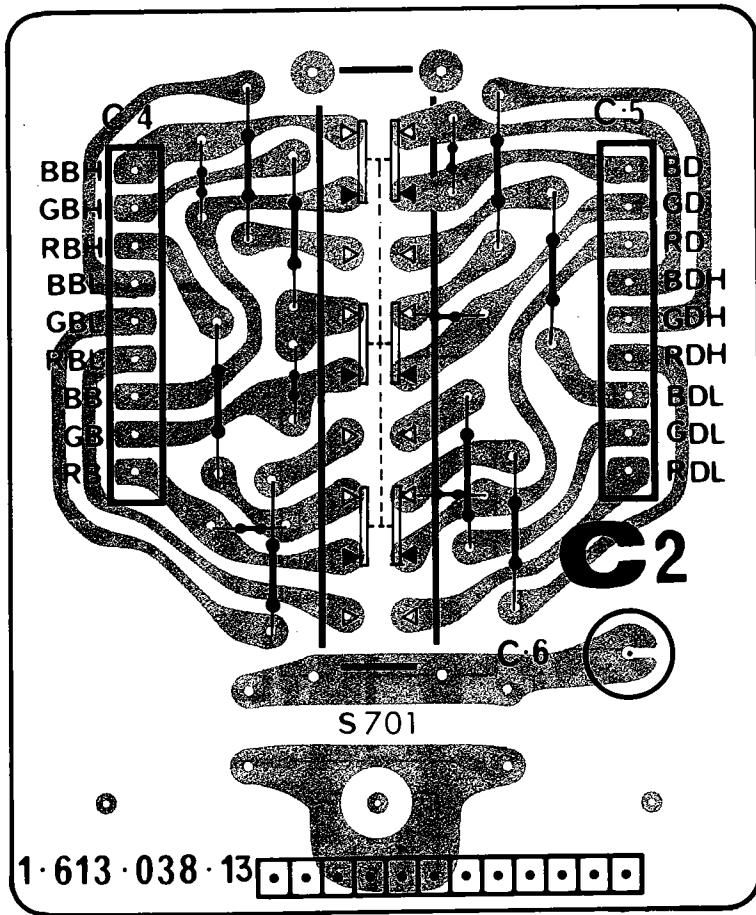
E

F

G

H

I



F

[POWER SUPPLY]

F2

[KICK]

1

2

3

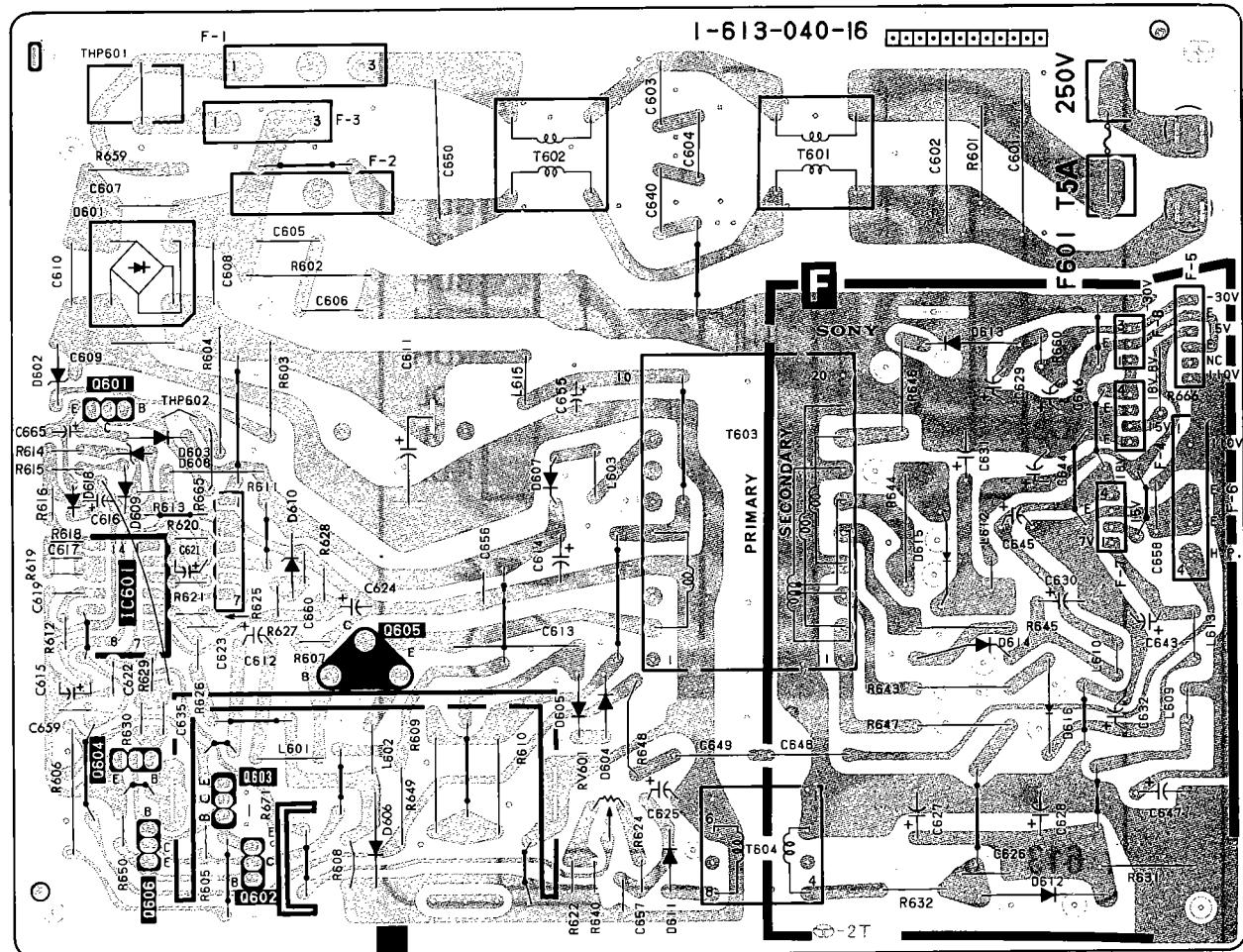
4

5

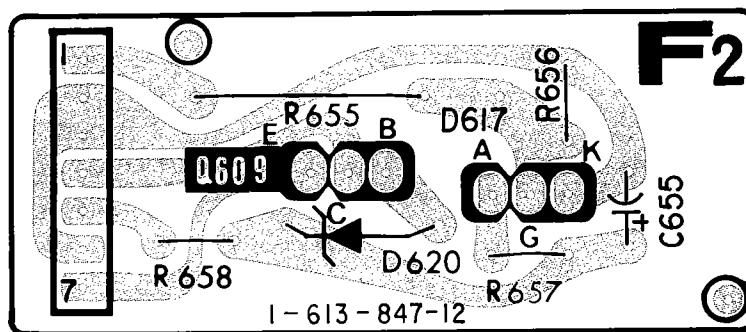
6

7

— F Board —

A**D****E****F****G****H**

— F2 Board —



SECTION 5

EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

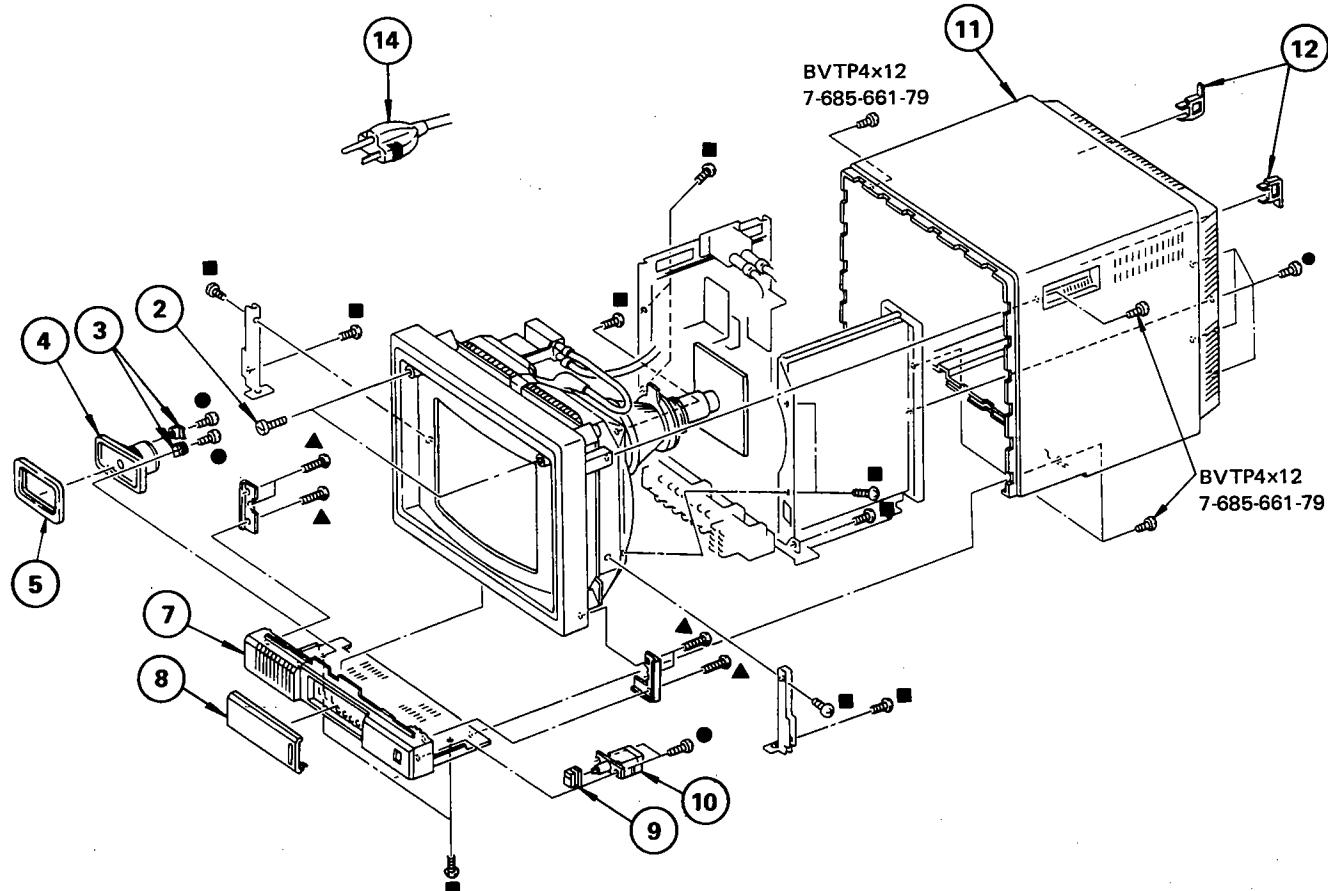
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

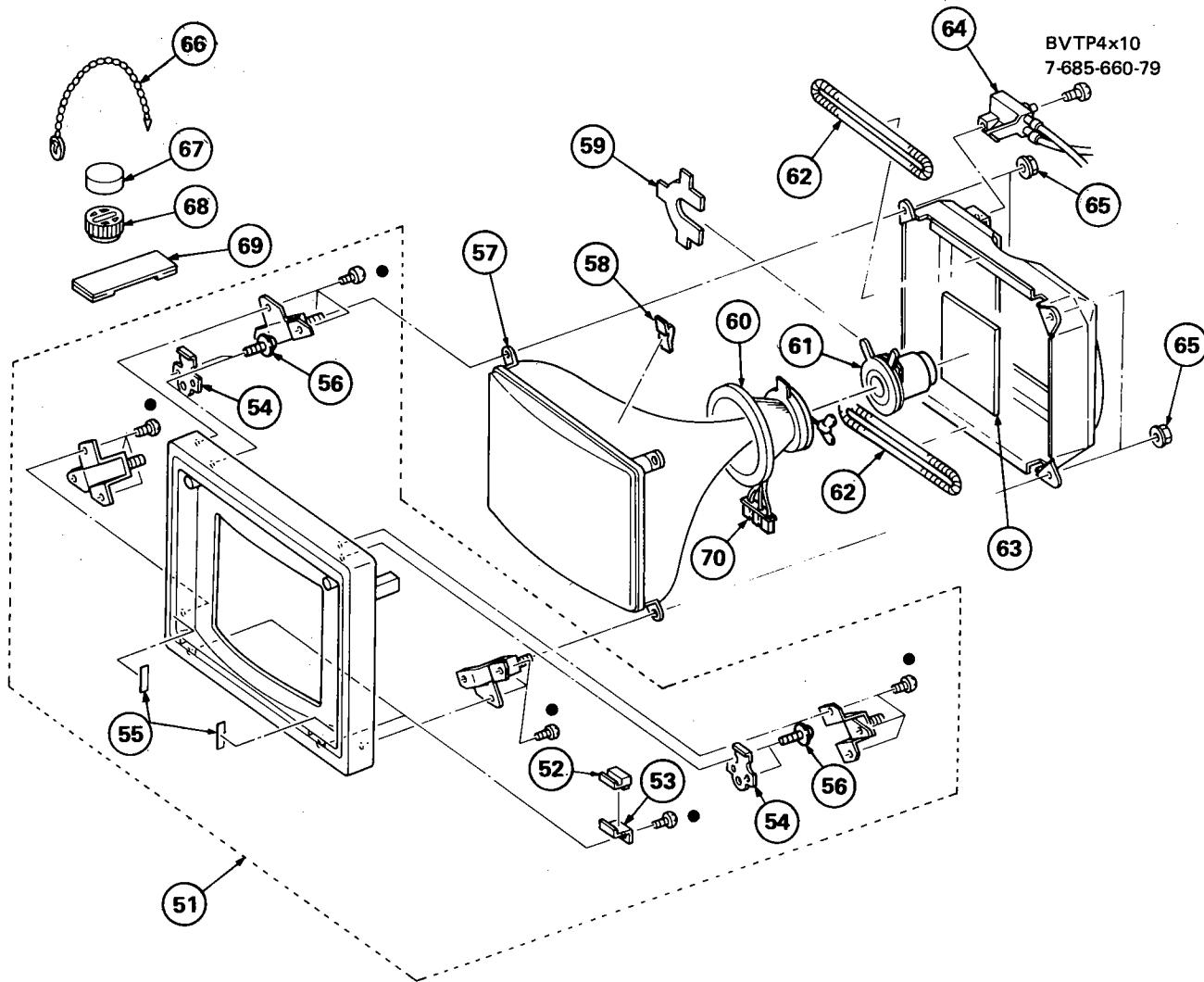
- : BVTP3x8 7-685-646-79
- : BVTP3x12 7-685-648-79
- ▲: BVTP4x12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
2	4-336-851-51	SCREW, ORNAMENTAL		9	4-364-710-00	BUTTON, POWER	
3	*4-321-611-00	CLAW, RETAINING, SPEAKER		10	▲.1-554-969-12	SWITCH, PUSH (AC POWER)(1 KEY)	
4	1-503-109-00	SPEAKER		11	X-4365-404-3	CABINET ASSY	
5	*4-364-741-00	CUSHION, SPEAKER		12	4-316-003-00	HOLDER, CORD	
7	X-4365-414-7	PANEL ASSY, CONTROL	8	14	▲.1-534-517-31	CORD, AC	
8	X-4364-704-5	DOOR ASSY					

5-2. BEZEL

●: BVTP3x12 7-685-648-79



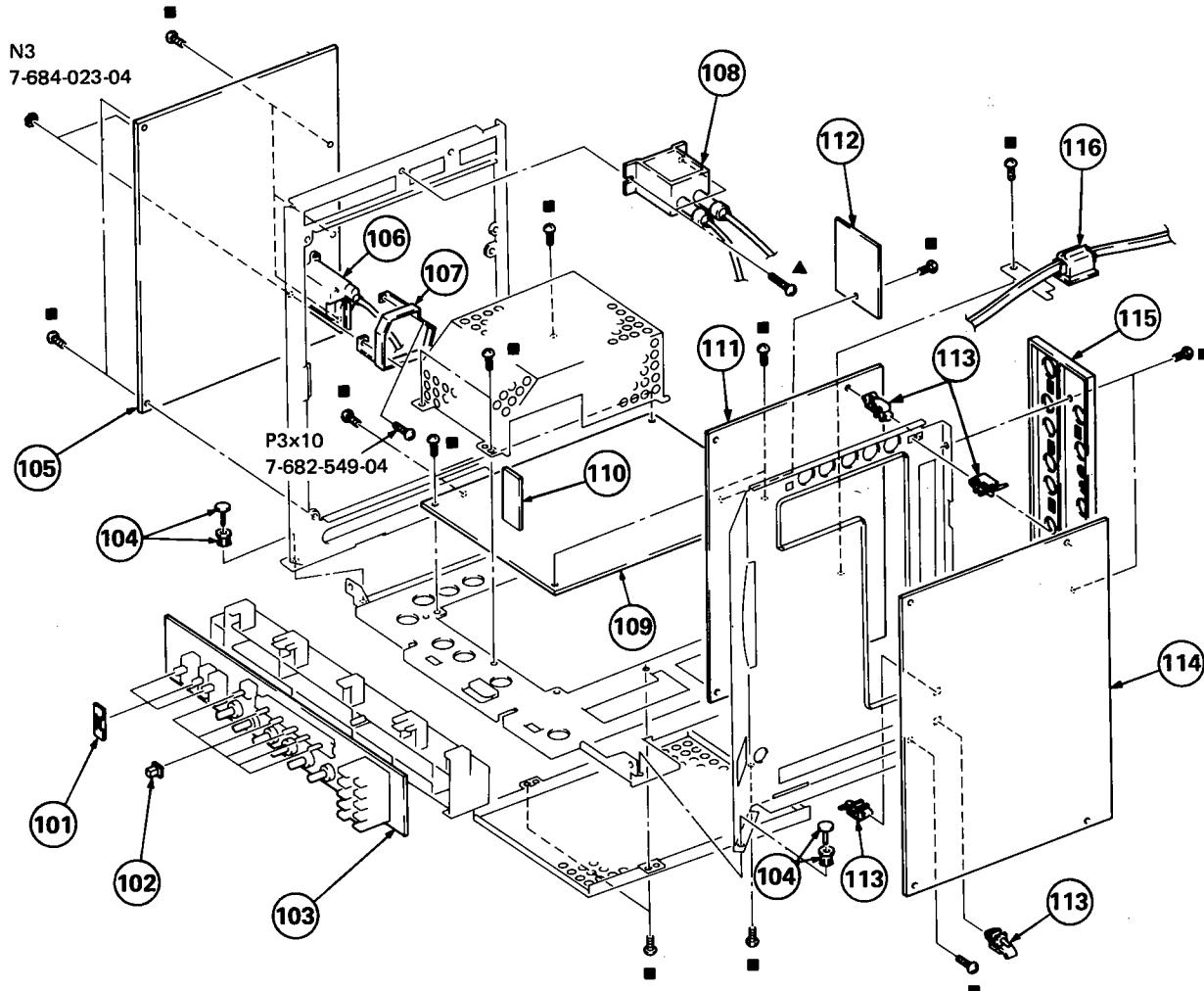
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	X-4364-702-3	BEZEL ASSY	52,53,54,55,56	61	A.1-452-214-12	CRT NECK ASSY (H TYPE)	
52	4-336-808-00	PROTECTOR, FILTER		62	A.1-426-086-41	COIL, DEGAUSSING	
53	4-364-701-00	HOLDER, FILTER		63	*A-1330-541-A	C1 BOARD, COMPLETE	
54	*4-341-905-00	NUT, PLATE (A)		64	A.1-228-482-14	RESISTOR ASSY, HIGH-VOLTAGE	
55	9-911-837-XX	CUSHION (B), FILTER		65	4-306-034-00	FLANGE NUT, (B) 5MM	
56	4-302-428-00	HEAD, WASHER, TAPPING SCREW		66	4-308-870-00	CLIP, LEAD WIRE	
57	A.8-738-312-05	PICTURE TUBE (330YB22)		67	1-452-032-00	MAGNET, DISK; 10MM Ø	
58	3-703-961-01	SPACER, DY		68	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø	
59	1-452-146-21	MAGNET, BMC		69	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	A.1-451-239-12	DEFLECTION YOKE (SY-97A)		70	*1-556-528-11	CONNECTOR ASSY (MINI, DY) 6P	

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS

■: BVTP3x8 7-685-646-79
 ▲: BVTP4x12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	*4-337-419-00	INSULATOR (LARGE), SLIDE SWITCH		109	*A-1245-230-A	F BOARD, COMPLETE	110
102	4-369-627-01	PUSH BUTTON		110	*1-613-847-11	F2 BOARD	
103	*1-613-041-11	H BOARD		111	*A-1275-055-A	Q BOARD, COMPLETE	
104	3-646-090-00	RIVET, NYLON		112	*1-613-038-11	C2 BOARD	
105	*A-1345-472-A	D BOARD, COMPLETE		113	*3-703-141-00	HOLDER, PCB	
106	*1-439-308-12	TRANSFORMER ASSY, FLYBACK		114	*A-1135-253-A	B BOARD, COMPLETE	
107	*4-364-749-00	PLATE, SHIELD, F.B.T		115	4-365-421-01	PANEL (C), CONNECTOR	
108	*1-162-142-21	CAP BLOCK, HIGH VOLTAGE		116	*4-364-726-01	BUSHING, AC CORD	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 6

ELECTRICAL PARTS LIST

NOTE

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS

COILS

- ### COILS

RESISTOR:

- All resistors are in ohms
 - F : nonflammable

- The components identified by **☒** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description		Rem
	*A-1135-253-A	B BOARD, COMPLETE	*****		C112	1-102-971-00	CERAMIC	82PF	5% 50V
		*****			C113	1-102-978-00	CERAMIC	220PF	5% 50V
	*3-538-178-00	HEAT SINK			C114	1-123-332-00	ELECT	47MF	20% 16V
	*4-364-755-01	TAPE, SHIELD			C115	1-123-356-00	ELECT	10MF	20% 16V
		CONNECTOR			C117	1-123-356-00	ELECT	10MF	20% 25V
B1	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)			C119	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B2	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P			C120	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B3	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			C121	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B4	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)			C122	1-102-944-00	CERAMIC	7PF	0.5PF 50V
B5	*1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)			C123	1-123-380-00	ELECT	1MF	20% 50V
B6	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			C124	1-123-356-00	ELECT	10MF	20% 25V
B7	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			C127	1-101-004-00	CERAMIC	0.01MF	50V
B8	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			C128	1-123-380-00	ELECT	1MF	20% 50V
		CAPACITOR			C129	1-123-356-00	ELECT	10MF	20% 25V
					C130	1-123-380-00	ELECT	1MF	20% 50V
C003	1-123-356-00	ELECT	10MF	20%	C131	1-106-220-00	MYLAR	0.1MF	10% 100V
C004	1-123-356-00	ELECT	10MF	20%	C132	1-106-220-00	MYLAR	0.1MF	10% 100V
C005	1-123-356-00	ELECT	10MF	20%	C133	1-123-332-00	ELECT	47MF	16V
C006	1-123-356-00	ELECT	10MF	20%	C134	1-102-944-00	CERAMIC	7PF	0.5PF 50V
C007	1-123-356-00	ELECT	10MF	20%	C135	1-101-004-00	CERAMIC	0.01MF	50V
C008	1-123-380-00	ELECT	1MF	20%	C136	1-101-880-00	CERAMIC	47PF	5% 50V
C009	1-106-383-00	MYLAR	0.047MF	10%	C137	1-102-959-00	CERAMIC	22PF	5% 50V
C010	1-123-356-00	ELECT	10MF	20%	C138	1-101-004-00	CERAMIC	0.01MF	50V
C011	1-123-356-00	ELECT	10MF	20%	C139	1-130-483-00	MYLAR	0.01MF	5% 50V
C012	1-123-356-00	ELECT	10MF	20%	C140	1-123-381-00	ELECT	2.2MF	20% 50V
C013	1-123-356-00	ELECT	10MF	20%	C141	1-161-772-11	CERAMIC	0.1MF	10% 25V
C014	1-123-380-00	ELECT	1MF	20%	C142	1-161-772-11	CERAMIC	0.1MF	10% 25V
C015	1-106-383-00	MYLAR	0.047MF	10%	C143	1-101-880-00	CERAMIC	47PF	5% 50V
C017	1-106-383-00	MYLAR	0.047MF	10%	C144	1-101-880-00	CERAMIC	47PF	5% 50V
C018	1-123-380-00	ELECT	1MF	20%	C145	1-102-934-00	CERAMIC	1PF	0.25PF 50V
C019	1-123-356-00	ELECT	10MF	20%	C146	1-102-963-00	CERAMIC	33PF	5% 50V
C020	1-123-356-00	ELECT	10MF	20%	C147	1-101-004-00	CERAMIC	0.01MF	50V
C021	1-123-356-00	ELECT	10MF	20%	C148	1-123-356-00	ELECT	10MF	20% 25V
C022	1-123-356-00	ELECT	10MF	20%	C149	1-101-004-00	CERAMIC	0.01MF	50V
C023	1-123-356-00	ELECT	10MF	20%	C150	1-101-004-00	CERAMIC	0.01MF	50V
C024	1-123-356-00	ELECT	10MF	20%	C151	1-101-004-00	CERAMIC	0.01MF	50V
C025	1-123-356-00	ELECT	10MF	20%	C152	1-101-004-00	CERAMIC	0.01MF	50V
C026	1-123-332-00	ELECT	47MF	20%	C153	1-106-375-12	MYLAR	0.022MF	10% 100V
C027	1-123-356-00	ELECT	10MF	20%	C155	1-102-946-00	CERAMIC	9PF	0.5PF 50V
C100	1-101-361-00	CERAMIC	150PF	5%	C156	1-123-330-00	ELECT	22MF	20% 25V
C101	1-123-332-00	ELECT	47MF	20%	C157	1-123-380-00	ELECT	1MF	20% 50V
C102	1-123-332-00	ELECT	47MF	20%	C158	1-123-382-00	ELECT	3.3MF	20% 50V
C103	1-102-961-00	CERAMIC	27PF	5%	C159	1-124-049-00	ELECT	0.47MF	20% 50V
C104	1-102-973-00	CERAMIC	100PF	5%	C160	1-102-115-00	CERAMIC	560PF	10% 50V
C105	1-123-356-00	ELECT	10MF	20%	C161	1-102-971-00	CERAMIC	82PF	5% 50V
C106	1-123-356-00	ELECT	10MF	20%	C162	1-101-361-00	CERAMIC	150PF	5% 50V
C107	1-102-978-00	CERAMIC	220PF	5%	C163	1-102-971-00	CERAMIC	82PF	5% 50V
C108	1-123-356-00	ELECT	10MF	20%	C164	1-121-257-00	ELECT	4.7MF	16V
C109	1-102-959-00	CERAMIC	22PF	5%	C165	1-101-361-00	CERAMIC	150PF	5% 50V
C110	1-102-961-00	CERAMIC	27PF	5%	C166	1-101-888-00	CERAMIC	68PF	5% 50V
C111	1-101-888-00	CERAMIC	68PF	5%	C167	1-101-006-00	CERAMIC	0.047MF	50V
					C169	1-106-220-00	MYLAR	0.1MF	10% 100V
					C170	1-123-380-00	ELECT	1MF	20% 50V

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Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C172	1-101-888-00	CERAMIC	68PF	5%	50V	C238	1-123-332-00	ELECT	47MF	20%	16V
C173	1-106-359-00	MYLAR	0.0047MF	10%	100V	C239	1-101-004-00	CERAMIC	0.01MF		50V
C175	1-101-361-00	CERAMIC	150PF	5%	50V	C244	1-101-004-00	CERAMIC	0.01MF		50V
C176	1-102-951-00	CERAMIC	15PF	5%	50V	C245	1-101-004-00	CERAMIC	0.01MF		50V
C177	1-102-963-00	CERAMIC	33PF	5%	50V	C246	1-101-004-00	CERAMIC	0.01MF		50V
C178	1-123-356-00	ELECT	10MF	20%	25V	C247	1-101-006-00	CERAMIC	0.047MF		50V
C179	1-101-004-00	CERAMIC	0.01MF		50V	C248	1-101-006-00	CERAMIC	0.047MF		50V
C180	1-124-555-00	ELECT	1000MF	20%	16V	C250	1-123-330-00	ELECT	22MF	20%	25V
C183	1-123-379-00	ELECT	0.47MF	20%	50V	C252	1-102-824-00	CERAMIC	470PF	5%	50V
C184	1-123-379-00	ELECT	0.47MF	20%	50V	C1001	1-102-935-00	CERAMIC	2PF	0.25PF	50V
C186	1-124-555-00	ELECT	1000MF	20%	16V	C1002	1-102-935-00	CERAMIC	2PF	0.25PF	50V
C188	1-123-356-00	ELECT	10MF	20%	25V	C1003	1-102-935-00	CERAMIC	2PF	0.25PF	50V
C189	1-123-356-00	ELECT	10MF	20%	25V	<u>DIODE</u>					
C190	1-123-356-00	ELECT	10MF	20%	25V	D001	8-719-911-19	DIODE 1SS119			
C195	1-102-824-00	CERAMIC	470PF	5%	50V	D002	8-719-911-19	DIODE 1SS119			
C200	1-124-463-00	ELECT	0.1MF	20%	50V	D003	8-719-911-19	DIODE 1SS119			
C201	1-124-463-00	ELECT	0.1MF	20%	50V	D004	8-719-911-19	DIODE 1SS119			
C202	1-124-463-00	ELECT	0.1MF	20%	50V	D005	8-719-911-19	DIODE 1SS119			
C203	1-121-257-00	ELECT	4.7MF		16V	D007	8-719-911-19	DIODE 1SS119			
C204	1-123-381-00	ELECT	2.2MF	20%	50V	D101	8-719-911-19	DIODE 1SS119			
C205	1-101-888-00	CERAMIC	68PF	5%	50V	D102	8-719-911-19	DIODE 1SS119			
C206	1-102-892-00	CERAMIC	22PF	5%	50V	D103	8-719-908-06	DIODE ERA81-005			
C207	1-102-679-00	CERAMIC	120PF	5%	50V	D104	8-719-911-19	DIODE 1SS119			
C208	1-101-880-00	CERAMIC	47PF	5%	50V	D105	8-719-911-19	DIODE 1SS119			
C209	1-102-971-00	CERAMIC	82PF	5%	50V	D106	8-719-911-19	DIODE 1SS119			
C210	1-102-978-00	CERAMIC	220PF	5%	50V	D107	8-719-911-19	DIODE 1SS119			
C211	1-106-367-00	MYLAR	0.01MF	10%	100V	D108	8-719-911-19	DIODE 1SS119			
C212	1-123-356-00	ELECT	10MF	20%	25V	D109	8-719-911-19	DIODE 1SS119			
C213	1-101-004-00	CERAMIC	0.01MF		50V	D110	8-719-911-19	DIODE 1SS119			
C214	1-130-483-00	MYLAR	0.01MF	5%	50V	D111	8-719-911-19	DIODE 1SS119			
C215	1-102-892-00	CERAMIC	22PF	5%	50V	D112	8-719-911-19	DIODE 1SS119			
C216	1-102-824-00	CERAMIC	470PF	5%	50V	D113	8-719-911-19	DIODE 1SS119			
C217	1-123-356-00	ELECT	10MF	20%	25V	D114	8-719-911-19	DIODE 1SS119			
C218	1-101-004-00	CERAMIC	0.01MF		50V	D115	8-719-911-19	DIODE 1SS119			
C219	1-123-332-00	ELECT	47MF	20%	25V	D116	8-719-911-19	DIODE 1SS119			
C220	1-124-556-11	ELECT	2200MF	20%	16V	D117	8-719-911-19	DIODE 1SS119			
C221	1-106-220-00	MYLAR	0.1MF	10%	100V	D118	8-719-911-19	DIODE 1SS119			
C222	1-123-321-00	ELECT	220MF	20%	16V	D119	8-719-911-19	DIODE 1SS119			
C223	1-123-332-00	ELECT	47MF	20%	16V	D120	8-719-911-19	DIODE 1SS119			
C224	1-123-369-00	ELECT	4.7MF	20%	25V	D122	8-719-911-19	DIODE 1SS119			
C225	1-123-380-00	ELECT	1MF	20%	50V	D123	8-719-911-19	DIODE 1SS119			
C226	1-102-121-00	CERAMIC	0.0022MF	10%	50V	D124	8-719-100-38	DIODE RD6.2E-B2			
C227	1-130-491-00	MYLAR	0.047MF	5%	50V	D125	8-719-911-19	DIODE 1SS119			
C228	1-123-332-00	ELECT	47MF	20%	25V	D126	8-719-911-19	DIODE 1SS119			
C229	1-123-380-00	ELECT	1MF	20%	50V	<u>DELAY LINE</u>					
C230	1-102-121-00	CERAMIC	0.0022MF	10%	50V	DL101	1-415-280-00	DELAY LINE (1H)			
C231	1-123-356-00	ELECT	10MF	20%	16V	DL102	1-415-188-00	DELAY LINE			
C232	1-123-356-00	ELECT	10MF	20%	16V	DL103	1-415-122-31	DELAY LINE, 1H (PAL)			
C233	1-123-379-00	ELECT	0.47MF	20%	50V						
C234	1-106-367-00	MYLAR	0.01MF	10%	100V						
C235	1-123-321-00	ELECT	220MF	20%	16V						
C236	1-101-004-00	CERAMIC	0.01MF		50V						
C237	1-161-330-00	CERAMIC	0.01MF	30%	25V						

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
<u>FUSE</u>							
F201	A1-532-624-11	FUSE, GLASS TUBE 0.5A/125V		Q104	8-729-178-54	TRANSISTOR 2SC2785	
<u>IC</u>							
IC001A	8-759-171-12	IC UPC7812H		Q105	8-729-178-54	TRANSISTOR 2SC2785	
IC101	8-752-006-10	IC CX20061		Q106	8-729-178-54	TRANSISTOR 2SC2785	
IC102	8-752-006-10	IC CX20061		Q107	8-729-178-54	TRANSISTOR 2SC2785	
IC103	8-759-113-65	IC UPC1365C		Q108	8-729-178-54	TRANSISTOR 2SC2785	
IC104	8-759-140-24	IC UPD4024BC		Q109	8-729-117-54	TRANSISTOR 2SA1175	
IC105	8-759-240-23	IC TC4023BP		Q110	8-729-178-54	TRANSISTOR 2SC2785	
IC201	8-759-100-15	IC UPC1364C2		Q111	8-729-178-54	TRANSISTOR 2SC2785	
IC202	8-759-101-77	IC UPC1241H		Q114	8-729-313-42	TRANSISTOR 2SD1134	
IC203	8-759-610-95	IC CX095E		Q116	8-729-117-54	TRANSISTOR 2SA1175	
<u>TERMINAL BOARD</u>							
J2	1-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q117	8-729-178-54	TRANSISTOR 2SC2785	
<u>COIL</u>							
L101	1-408-412-00	INDUCTOR	18UH	Q123	8-729-178-54	TRANSISTOR 2SC2785	
L102	1-408-412-00	INDUCTOR	18UH	Q124	8-729-115-10	TRANSISTOR 2SK105A-10	
L103	1-408-411-00	INDUCTOR	15UH	Q125	8-729-178-54	TRANSISTOR 2SC2785	
L104	1-408-414-00	INDUCTOR	27UH	Q126	8-729-115-10	TRANSISTOR 2SK105A-10	
L105	1-408-414-00	INDUCTOR	27UH	Q127	8-729-115-10	TRANSISTOR 2SK105A-10	
L106	1-408-409-00	INDUCTOR	10UH	Q128	8-729-115-10	TRANSISTOR 2SK105A-10	
L107	1-408-413-00	INDUCTOR	22UH	Q129	8-729-178-54	TRANSISTOR 2SC2785	
L108	1-408-416-00	INDUCTOR	39UH	Q130	8-729-178-54	TRANSISTOR 2SC2785	
L110	1-408-412-00	INDUCTOR	18UH	Q131	8-729-115-10	TRANSISTOR 2SK105A-10	
L111	1-408-406-00	INDUCTOR	5.6UH	Q132	8-729-115-10	TRANSISTOR 2SK105A-10	
L112	1-408-602-21	INDUCTOR	8.2UH	Q133	8-729-178-54	TRANSISTOR 2SC2785	
L113	1-408-226-00	INDUCTOR	82UH	Q135	8-729-117-54	TRANSISTOR 2SA1175	
L114	1-408-419-00	INDUCTOR	68UH	Q136	8-729-117-54	TRANSISTOR 2SA1175	
L201	1-408-247-00	INDUCTOR	33MMH	Q137	8-729-117-54	TRANSISTOR 2SA1175	
L202	1-408-163-00	INDUCTOR	5.6MMH	Q138	8-729-117-54	TRANSISTOR 2SA1175	
L203	1-408-414-00	INDUCTOR	27UH	Q144	8-729-178-54	TRANSISTOR 2SC2785	
<u>TRANSISTOR</u>							
Q001	8-729-178-54	TRANSISTOR	2SC2785	Q145	8-729-178-54	TRANSISTOR 2SC2785	
Q002	8-729-117-54	TRANSISTOR	2SA1175	Q148	8-729-178-54	TRANSISTOR 2SC2785	
Q003	8-729-117-54	TRANSISTOR	2SA1175	Q149	8-729-117-54	TRANSISTOR 2SA1175	
Q004	8-729-117-54	TRANSISTOR	2SA1175	Q150	8-729-117-54	TRANSISTOR 2SA1175	
Q005	8-729-178-54	TRANSISTOR	2SC2785	Q151	8-729-178-54	TRANSISTOR 2SC2785	
Q006	8-729-117-54	TRANSISTOR	2SA1175	Q152	8-729-178-54	TRANSISTOR 2SC2785	
Q007	8-729-117-54	TRANSISTOR	2SA1175	Q153	8-729-178-54	TRANSISTOR 2SC2785	
Q008	8-729-178-54	TRANSISTOR	2SC2785	Q154	8-729-178-54	TRANSISTOR 2SC2785	
Q009	8-729-117-54	TRANSISTOR	2SA1175	Q155	8-729-178-54	TRANSISTOR 2SC2785	
Q010	8-729-178-54	TRANSISTOR	2SC2785	Q159	8-729-117-54	TRANSISTOR 2SA1175	
<u>RESISTOR</u>							
Q011	8-729-178-54	TRANSISTOR	2SC2785	R002	1-247-713-11	CARBON	1K 5% 1/4W
Q012	8-729-117-54	TRANSISTOR	2SA1175	R003	1-249-434-11	CARBON	27K 5% 1/4W
Q101	8-729-178-54	TRANSISTOR	2SC2785	R004	1-249-424-11	CARBON	3.9K 5% 1/4W
Q102	8-729-178-54	TRANSISTOR	2SC2785	R005	1-249-421-11	CARBON	2.2K 5% 1/4W
Q103	8-729-178-54	TRANSISTOR	2SC2785	R006	1-249-439-11	CARBON	68K 5% 1/4W

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B

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R007	1-249-433-11	CARBON	22K 5% 1/4W	R105	1-249-415-11	CARBON	680 5% 1/4W
R009	1-215-440-00	CARBON	6.2K 5% 1/4W	R106	1-249-423-11	CARBON	3.3K 5% 1/4W
R010	1-215-440-00	CARBON	6.2K 5% 1/4W	R107	1-249-426-11	CARBON	5.6K 5% 1/4W
R011	1-215-440-00	CARBON	6.2K 5% 1/4W	R108	1-249-429-11	CARBON	10K 5% 1/4W
R012	1-249-437-11	CARBON	47K 5% 1/4W	R109	1-249-413-11	CARBON	470 5% 1/4W
R013	1-249-440-11	CARBON	82K 5% 1/4W	R110	1-249-413-11	CARBON	470 5% 1/4W
R014	1-247-885-00	CARBON	180K 5% 1/4W	R111	1-249-421-11	CARBON	2.2K 5% 1/4W
R015	1-249-438-11	CARBON	56K 5% 1/4W	R112	1-249-415-11	CARBON	680 5% 1/4W
R016	1-249-417-11	CARBON	1K 5% 1/4W	R113	1-249-410-11	CARBON	270 5% 1/4W
R017	1-247-104-00	CARBON	75 5% 1/4W	R114	1-249-415-11	CARBON	680 5% 1/4W
R019	1-247-104-00	CARBON	75 5% 1/4W	R115	1-249-419-11	CARBON	1.5K 5% 1/4W
R020	1-249-434-11	CARBON	27K 5% 1/4W	R116	1-249-403-11	CARBON	68 5% 1/4W
R021	1-249-424-11	CARBON	3.9K 5% 1/4W	R117	1-249-415-11	CARBON	680 5% 1/4W
R022	1-249-433-11	CARBON	22K 5% 1/4W	R118	1-249-415-11	CARBON	680 5% 1/4W
R023	1-249-439-11	CARBON	68K 5% 1/4W	R119	1-249-405-11	CARBON	100 5% 1/4W
R024	1-215-440-00	CARBON	6.2K 5% 1/4W	R120	1-249-415-11	CARBON	680 5% 1/4W
R025	1-249-437-11	CARBON	47K 5% 1/4W	R121	1-249-415-11	CARBON	680 5% 1/4W
R026	1-249-466-11	CARBON	56K 5% 1/4W	R122	1-249-405-11	CARBON	100 5% 1/4W
R027	1-249-440-11	CARBON	82K 5% 1/4W	R123	1-249-417-11	CARBON	1K 5% 1/4W
R028	1-247-885-00	CARBON	180K 5% 1/4W	R124	1-249-413-11	CARBON	470 5% 1/4W
R029	1-249-429-11	CARBON	10K 5% 1/4W	R125	1-249-417-11	CARBON	1K 5% 1/4W
R030	1-247-885-00	CARBON	180K 5% 1/4W	R126	1-249-405-11	CARBON	100 5% 1/4W
R031	1-249-440-11	CARBON	82K 5% 1/4W	R127	1-249-415-11	CARBON	680 5% 1/4W
R032	1-249-437-11	CARBON	47K 5% 1/4W	R128	1-247-814-00	CARBON	200 5% 1/4W
R033	1-249-433-11	CARBON	22K 5% 1/4W	R129	1-249-419-11	CARBON	1.5K 5% 1/4W
R034	1-249-439-11	CARBON	68K 5% 1/4W	R130	1-249-415-11	CARBON	680 5% 1/4W
R035	1-249-417-11	CARBON	1K 5% 1/4W	R131	1-249-413-11	CARBON	470 5% 1/4W
R036	1-247-104-00	CARBON	75 5% 1/4W	R132	1-249-420-11	CARBON	1.8K 5% 1/4W
R037	1-249-434-11	CARBON	27K 5% 1/4W	R133	1-249-401-11	CARBON	47 5% 1/4W
R038	1-249-424-11	CARBON	3.9K 5% 1/4W	R135	1-215-406-00	CARBON	240 5% 1/4W
R039	1-215-440-00	CARBON	6.2K 5% 1/4W	R136	1-249-421-11	CARBON	2.2K 5% 1/4W
R040	1-249-439-11	CARBON	68K 5% 1/4W	R137	1-249-432-11	CARBON	18K 5% 1/4W
R041	1-247-104-00	CARBON	75 5% 1/4W	R138	1-249-423-11	CARBON	3.3K 5% 1/4W
R042	1-249-434-11	CARBON	27K 5% 1/4W	R140	1-249-433-11	CARBON	22K 5% 1/4W
R043	1-215-468-00	CARBON	91K 5% 1/4W	R141	1-249-433-11	CARBON	22K 5% 1/4W
R045	1-249-429-11	CARBON	10K 5% 1/4W	R143	1-249-405-11	CARBON	100 5% 1/4W
R046	1-249-428-11	CARBON	8.2K 5% 1/4W	R146	1-249-403-11	CARBON	68 5% 1/4W
R049	1-249-438-11	CARBON	56K 5% 1/4W	R147	1-249-419-11	CARBON	1.5K 5% 1/4W
R051	1-249-421-11	CARBON	2.2K 5% 1/4W	R148	1-249-419-11	CARBON	1.5K 5% 1/4W
R052	1-247-807-31	CARBON	100 5% 1/4W	R149	1-249-433-11	CARBON	22K 5% 1/4W
R053	1-249-437-11	CARBON	47K 5% 1/4W	R150	1-249-416-11	CARBON	820 5% 1/4W
R054	1-249-437-11	CARBON	47K 5% 1/4W	R151	1-249-413-11	CARBON	470 5% 1/4W
R055	1-249-440-11	CARBON	82K 5% 1/4W	R152	1-249-416-11	CARBON	820 5% 1/4W
R056	1-247-150-00	CARBON	6.2K 5% 1/4W	R153	1-249-423-11	CARBON	3.3K 5% 1/4W
R061	1-247-744-11	CARBON	270 5% 1/2W	R154	1-249-433-11	CARBON	22K 5% 1/4W
R062	1-247-714-11	CARBON	1.2K 5% 1/4W	R155	1-249-429-11	CARBON	10K 5% 1/4W
R063	1-249-397-11	CARBON	22 5% 1/4W	R156	1-249-435-11	CARBON	33K 5% 1/4W
R066	1-249-429-11	CARBON	10K 5% 1/4W	R157	1-249-435-11	CARBON	33K 5% 1/4W
R100	1-249-428-11	CARBON	8.2K 5% 1/4W	R158	1-249-439-11	CARBON	68K 5% 1/4W
R101	1-249-436-11	CARBON	39K 5% 1/4W	R159	1-249-415-11	CARBON	680 5% 1/4W
R102	1-247-815-31	CARBON	220 5% 1/4W	R160	1-249-436-11	CARBON	39K 5% 1/4W
R103	1-249-418-11	CARBON	1.2K 5% 1/4W	R161	1-249-429-11	CARBON	10K 5% 1/4W
R104	1-249-411-11	CARBON	330 5% 1/4W	R162	1-249-437-11	CARBON	47K 5% 1/4W

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B

Ref. No.	Part No.	Description					Remark	Ref. No.	Part No.	Description					Remark
R165	1-215-493-00	CARBON	1M	5%	1/4W			R223	1-249-426-11	CARBON	5.6K	5%	1/4W		
R167	1-249-419-11	CARBON	1.5K	5%	1/4W			R224	1-247-891-00	CARBON	330K	5%	1/4W		
R168	1-249-435-11	CARBON	33K	5%	1/4W			R225	1-249-441-11	CARBON	100K	5%	1/4W		
R170	1-249-431-11	CARBON	15K	5%	1/4W			R226	1-215-468-00	CARBON	91K	5%	1/4W		
R171	1-249-441-11	CARBON	100K	5%	1/4W			R228	1-249-419-11	CARBON	1.5K	5%	1/4W		
R173	1-249-425-11	CARBON	4.7K	5%	1/4W			R230	1-249-425-11	CARBON	4.7K	5%	1/4W		
R176	1-247-887-00	CARBON	220K	5%	1/4W			R231	1-249-438-11	CARBON	56K	5%	1/4W		
R177	1-249-441-11	CARBON	100K	5%	1/4W			R232	1-249-412-11	CARBON	390	5%	1/4W		
R178	1-247-883-00	CARBON	150K	5%	1/4W			R233	1-249-409-11	CARBON	220	5%	1/4W		
R179	1-249-439-11	CARBON	68K	5%	1/4W			R234	1-249-409-11	CARBON	220	5%	1/4W		
R180	1-249-417-11	CARBON	1K	5%	1/4W			R235	1-249-413-11	CARBON	470	5%	1/4W		
R181	1-249-429-11	CARBON	10K	5%	1/4W			R236	1-249-405-11	CARBON	100	5%	1/4W		
R182	1-249-437-11	CARBON	47K	5%	1/4W			R237	1-249-409-11	CARBON	220	5%	1/4W		
R183	1-249-423-11	CARBON	3.3K	5%	1/4W			R238	1-249-435-11	CARBON	33K	5%	1/4W		
R184	1-249-418-11	CARBON	1.2K	5%	1/4W			R239	1-249-440-11	CARBON	82K	5%	1/4W		
R185	1-249-440-11	CARBON	82K	5%	1/4W			R240	1-249-422-11	CARBON	2.7K	5%	1/4W		
R186	1-249-413-11	CARBON	470	5%	1/4W			R241	1-249-433-11	CARBON	22K	5%	1/4W		
R187	1-249-434-11	CARBON	27K	5%	1/4W			R242	1-215-444-00	CARBON	9.1K	5%	1/4W		
R188	1-249-435-11	CARBON	33K	5%	1/4W			R243	1-249-430-11	CARBON	12K	5%	1/4W		
R189	1-249-439-11	CARBON	68K	5%	1/4W			R244	1-249-423-11	CARBON	3.3K	5%	1/4W		
R190	1-249-435-11	CARBON	33K	5%	1/4W			R245	1-249-426-11	CARBON	5.6K	5%	1/4W		
R191	1-249-437-11	CARBON	47K	5%	1/4W			R246	1-249-429-11	CARBON	10K	5%	1/4W		
R192	1-249-421-11	CARBON	2.2K	5%	1/4W			R247	1-249-431-11	CARBON	15K	5%	1/4W		
R193	1-249-424-11	CARBON	3.9K	5%	1/4W			R248	1-249-421-11	CARBON	2.2K	5%	1/4W		
R194	1-249-431-11	CARBON	15K	5%	1/4W			R249	1-249-437-11	CARBON	47K	5%	1/4W		
R195	1-249-421-11	CARBON	2.2K	5%	1/4W			R250	1-247-885-00	CARBON	180K	5%	1/4W		
R196	1-249-434-11	CARBON	27K	5%	1/4W			R251	1-249-426-11	CARBON	5.6K	5%	1/4W		
R197	1-249-415-11	CARBON	680	5%	1/4W			R252	1-249-428-11	CARBON	8.2K	5%	1/4W		
R198	1-249-415-11	CARBON	680	5%	1/4W			R253	1-249-423-11	CARBON	3.3K	5%	1/4W		
R199	1-249-417-11	CARBON	1K	5%	1/4W			R254	1-249-429-11	CARBON	10K	5%	1/4W		
R200	1-249-433-11	CARBON	22K	5%	1/4W			R255	1-249-417-11	CARBON	1K	5%	1/4W		
R201	1-215-493-00	CARBON	1M	5%	1/4W			R256	1-249-428-11	CARBON	8.2K	5%	1/4W		
R202	1-215-493-00	CARBON	1M	5%	1/4W			R258	1-249-421-11	CARBON	2.2K	5%	1/4W		
R203	1-249-429-11	CARBON	10K	5%	1/4W			R259	1-249-428-11	CARBON	8.2K	5%	1/4W		
R204	1-249-429-11	CARBON	10K	5%	1/4W			R260	1-249-439-11	CARBON	68K	5%	1/4W		
R205	1-249-429-11	CARBON	10K	5%	1/4W			R261	1-249-429-11	CARBON	10K	5%	1/4W		
R206	1-249-439-11	CARBON	68K	5%	1/4W			R262	1-249-441-11	CARBON	100K	5%	1/4W		
R207	1-249-409-11	CARBON	220	5%	1/4W			R263	1-249-429-11	CARBON	10K	5%	1/4W		
R208	1-249-429-11	CARBON	10K	5%	1/4W			R264	1-249-439-11	CARBON	68K	5%	1/4W		
R209	1-249-435-11	CARBON	33K	5%	1/4W			R265	1-249-429-11	CARBON	10K	5%	1/4W		
R210	1-249-409-11	CARBON	220	5%	1/4W			R266	1-249-429-11	CARBON	10K	5%	1/4W		
R211	1-249-409-11	CARBON	220	5%	1/4W			R267	1-249-439-11	CARBON	68K	5%	1/4W		
R212	1-249-424-11	CARBON	3.9K	5%	1/4W			R268	1-249-439-11	CARBON	68K	5%	1/4W		
R213	1-249-409-11	CARBON	220	5%	1/4W			R269	1-249-429-11	CARBON	10K	5%	1/4W		
R214	1-249-409-11	CARBON	220	5%	1/4W			R270	1-249-415-11	CARBON	680	5%	1/4W		
R215	1-249-425-11	CARBON	4.7K	5%	1/4W			R271	1-249-469-11	CARBON	100K	5%	1/4W		
R216	1-249-441-11	CARBON	100K	5%	1/4W			R272	1-246-517-25	CARBON	68K	5%	1/4W		
R217	1-249-441-11	CARBON	100K	5%	1/4W			R273	1-202-463-00	SOLID	2.2M	5%	1/4W		
R218	1-249-429-11	CARBON	10K	5%	1/4W			R274	1-249-465-11	CARBON	47K	5%	1/4W		
R219	1-249-426-11	CARBON	5.6K	5%	1/4W			R275	1-249-429-11	CARBON	10K	5%	1/4W		
R220	1-249-435-11	CARBON	33K	5%	1/4W			R276	1-249-431-11	CARBON	15K	5%	1/4W		
R221	1-215-458-00	CARBON	36K	5%	1/4W			R277	1-249-416-11	CARBON	820	5%	1/4W		
R222	1-249-439-11	CARBON	68K	5%	1/4W			R278	1-249-421-11	CARBON	2.2K	5%	1/4W		

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark			
R279	1-246-509-25	CARBON	33K 5%	1/4W	RV105	1-226-852-00	RES, ADJ, CARBON 22K			
R280	1-249-437-11	CARBON	47K 5%	1/4W	RV106	1-226-849-00	RES, ADJ, CARBON 3.3K			
R281	1-249-431-11	CARBON	15K 5%	1/4W	RV107	1-228-724-00	RES, ADJ, CARBON 10K			
R282	1-249-421-11	CARBON	2.2K 5%	1/8W	RV108	1-226-850-00	RES, ADJ, CARBON 4.7K			
R283	1-249-425-11	CARBON	4.7K 5%	1/4W	RV109	1-226-850-00	RES, ADJ, CARBON 4.7K			
R284	1-249-428-11	CARBON	8.2K 5%	1/4W	RV110	1-226-846-00	RES, ADJ, CARBON 470			
R285	1-249-423-11	CARBON	3.3K 5%	1/4W	RV111	1-226-853-00	RES, ADJ, CARBON 47K			
R286	1-249-423-11	CARBON	3.3K 5%	1/4W			<u>SWITCH</u>			
R287	1-215-493-00	CARBON	1M 5%	1/4W	S1	1-553-725-00	SWITCH, SL IDE			
R288	1-249-441-11	CARBON	100K 5%	1/4W	S2	1-553-725-00	SWITCH, SL IDE			
R290	1-249-429-11	CARBON	10K 5%	1/4W	S3	1-553-725-00	SWITCH, SL IDE			
R291	1-249-429-11	CARBON	10K 5%	1/4W			<u>TRANSFORMER</u>			
R292	1-249-447-11	CARBON	1 5%	1/4W	T101	1-408-513-00	COIL (VARIABLE)			
R293	1-249-422-11	CARBON	2.7K 5%	1/4W	T102	1-409-193-00	COIL 3.58MHZ TRAP			
R294	1-249-405-11	CARBON	100 5%	1/4W	T103	1-409-193-00	COIL 3.58MHZ TRAP			
R295	1-249-429-11	CARBON	10K 5%	1/4W	T104	1-404-081-00	TRANSFOMER, DELAY ADJUST			
R296	1-249-469-11	CARBON	100K 5%	1/4W	T201	1-404-146-00	TRANSFORMER			
R297	1-249-437-11	CARBON	47K 5%	1/4W	T202	1-408-532-00	COIL, VARIABLE			
R298	1-249-437-11	CARBON	47K 5%	1/4W	T203	1-408-532-00	COIL, VARIABLE			
R299	1-249-413-11	CARBON	470 5%	1/4W	T204	1-408-513-00	COIL (VARIABLE)			
R301	▲ 1-247-658-11	CARBON	47 5%	1/4W			<u>THERMISTOR</u>			
R302	1-249-437-11	CARBON	47K 5%	1/4W	TH101	1-800-070-XX	THERMISTOR TH-4700			
R303	1-249-415-11	CARBON	680 5%	1/4W	TH201	1-800-626-00	THERMISTOR			
R304	1-249-415-11	CARBON	680 5%	1/4W			<u>CRYSTAL</u>			
R305	1-249-415-11	CARBON	680 5%	1/4W	X101	1-567-505-11	OSCILLATOR, CRYSTAL			
R306	1-247-883-00	CARBON	150K 5%	1/4W	X102	1-567-504-11	OSCILLATOR, CRYSTAL			
R307	1-249-411-11	CARBON	330 5%	1/4W			<u>CAPACITOR</u>			
R308	1-249-434-11	CARBON	27K 5%	1/4W	C601	▲ 1-108-745-52	MYLAR 0.22MF 20% 125V			
R309	1-249-409-11	CARBON	220 5%	1/4W	C602	▲ 1-108-745-52	MYLAR 0.22MF 20% 125V			
R310	1-249-423-11	CARBON	3.3K 5%	1/4W	C603	▲ 1-161-953-51	CERAMIC 0.0047MF 20% 400V			
R311	1-215-462-00	CARBON	51K 5%	1/4W	C604	▲ 1-161-953-51	CERAMIC 0.0047MF 20% 400V			
R312	1-249-421-11	CARBON	2.2K 5%	1/4W	C605	▲ 1-161-953-51	CERAMIC 0.0047MF 20% 400V			
R313	1-249-425-11	CARBON	4.7K 5%	1/4W			C606	▲ 1-161-953-51	CERAMIC 0.0047MF 20% 400V	
R314	1-249-435-11	CARBON	33K 5%	1/4W	C607	▲ 1-161-953-51	CERAMIC 0.0047MF 20% 400V			
R315	1-249-419-11	CARBON	1.5K 5%	1/4W	C608	1-161-953-00	CERAMIC 0.0047MF 20% 400V			
R316	1-249-419-11	CARBON	1.5K 5%	1/4W	C609	1-161-953-00	CERAMIC 0.0047MF 20% 400V			
R317	1-247-711-11	CARBON	680 5%	1/4W	C610	▲ 1-161-953-51	CERAMIC 0.0047MF 20% 400V			
R318	1-249-408-11	CARBON	180 5%	1/4W			C611	1-125-260-00	ELECT(BLOCK) 470MF 200V	
R319	1-249-413-11	CARBON	470 5%	1/4W	C612	1-123-335-00	ELECT 330MF 20% 25V			
R322	1-249-427-11	CARBON	6.8K 5%	1/4W	C613	1-136-071-00	FILM 0.0057MF 3% 2KV			
R324	1-247-711-11	CARBON	680 5%	1/4W	C614	1-123-337-00	ELECT 1000MF 20% 25V			
R325	1-249-429-11	CARBON	10K 5%	1/4W	C615	1-123-333-00	ELECT 100MF 20% 16V			
R326	1-249-424-11	CARBON	3.9K 5%	1/4W			C616	1-123-381-00	ELECT 2.2MF 20% 50V	
R328	1-249-420-11	CARBON	1.8K 5%	1/4W						
R329	1-249-424-11	CARBON	3.9K 5%	1/4W						
R332	1-249-438-11	CARBON	56K 5%	1/4W						
R348	1-249-430-11	CARBON	12K 5%	1/4W						
R349	1-249-429-11	CARBON	10K 5%	1/4W						
<u>VARIABLE RESISTOR</u>										
RV101	1-226-845-00	RES, ADJ, CARBON	330							
RV103	1-226-849-00	RES, ADJ, CARBON	3.3K							
RV104	1-226-852-00	RES, ADJ, CARBON	22K							

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Ref. No.	Part No.	Description		Remark		Ref. No.	Part No.	Description		Remark	
C617	1-102-125-00	CERAMIC	0.0047MF	10%	50V			<u>CONNECTOR</u>			
C619	1-106-351-00	MYLAR	0.0022MF	10%	100V			F1	*1-506-348-XX	3P PLUG (L)	
C621	1-123-356-00	ELECT	10MF	20%	16V			F3	1-508-765-00	3P PLUG (M)	
C622	1-102-121-00	CERAMIC	0.0022MF	10%	50V			F4	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C623	1-101-004-00	CERAMIC	0.01MF		50V			F6	1-508-766-00	4P PLUG (M)	
C624	1-123-381-00	ELECT	2.2MF	20%	50V			F7	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)	
C625	1-123-380-00	ELECT	1MF	20%	50V			F8	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C626	1-102-095-00	CERAMIC	330PF	10%	1KV					<u>FUSE</u>	
C627	1-123-024-00	ELECT	33MF		160V						
C628	1-123-024-00	ELECT	33MF		160V						
C629	1-123-360-00	ELECT	100MF	20%	50V			F601	△1-532-656-11	FUSE, GLASS TUBE 6.3A/125V	
C630	1-123-998-00	ELECT	470MF	20%	25V				1-533-087-00	HOLDER, FUSE; F601	
C631	1-123-998-00	ELECT	470MF	20%	25V					<u>IC</u>	
C632	1-126-103-11	ELECT	470MF	20%	16V						
C635	1-102-123-00	CERAMIC	0.0033MF	10%	50V						
C640	△1-161-953-51	CERAMIC	0.0047MF	20%	400V			IC601	8-759-100-75	IC UPC1394C	
C643	1-123-333-00	ELECT	100MF	20%	16V					<u>COIL</u>	
C644	1-123-334-00	ELECT	220MF	20%	25V						
C645	1-123-334-00	ELECT	220MF	20%	25V			L601	1-408-225-00	INDUCTOR 3.3UH	
C646	1-123-359-00	ELECT	47MF	20%	50V			L602	1-407-365-00	COIL, CHOKE (HIGH FREQUENCY)	
C647	1-123-024-00	ELECT	33MF		160V			L603	1-407-687-00	INDUCTOR 3.3UH	
C648	△1-161-742-12	CERAMIC	0.0022MF	20%	400V			L609	1-459-155-00	COIL (WITH CORE) 45UH	
C649	△1-161-742-12	CERAMIC	0.0022MF	20%	400V			L610	1-459-155-00	COIL (WITH CORE) 45UH	
C650	△1-108-745-52	MYLAR	0.22MF	20%	125V			L612	1-459-155-00	COIL (WITH CORE) 45UH	
C655	1-123-027-00	ELECT	2.2MF		250V			L613	1-407-687-00	INDUCTOR 3.3UH	
C656	1-101-004-00	CERAMIC	0.01MF		50V			L615	1-407-364-00	COIL, SPOOK CHOKE 3.3UH	
C657	1-101-004-00	CERAMIC	0.01MF		50V					<u>TRANSISTOR</u>	
C658	1-106-383-00	MYLAR	0.047MF	10%	200V						
C659	1-102-820-00	CERAMIC	330PF	5%	50V			Q601	8-729-168-82	TRANSISTOR 2SC2688	
C660	1-101-004-00	CERAMIC	0.01MF		50V			Q602	△8-729-313-81	TRANSISTOR 2SD1138-B	
C665	1-123-356-00	ELECT	10MF	20%	25V				*4-347-706-00	HEAT SINK (TR); Q602	
								Q603	△8-729-374-01	TRANSISTOR 2SB740-2	
								Q604	△8-729-177-43	TRANSISTOR 2SD774-4	
										<u>DIODE</u>	
D601	8-719-503-06	DIODE	S3WB60Z						4-363-414-00	SPACER, MICA; Q605	
D602	△8-719-100-77	DIODE	RD18E-B2						Q605	△8-729-802-07	TRANSISTOR 2SD1403-CA
D603	8-719-911-55	DIODE	U05G						*4-367-204-00	HOLDER (REG OUT), TRANSFORMER; Q605	
D604	△8-719-901-58	DIODE	RGP15J						Q606	△8-729-177-43	TRANSISTOR 2SD774-4
D605	△8-719-901-58	DIODE	RGP15J							<u>RESISTOR</u>	
D606	△8-719-301-34	DIODE	GM-3								
D607	8-719-300-76	DIODE	RH1A					R601	△1-202-727-51	SOLID 4.7M 10% 1/2W	
D608	8-719-102-74	DIODE	RD6.2E-N2					R602	△1-202-730-11	SOLID 8.2M 10% 1/2W	
D609	8-719-901-83	DIODE	ISS83					R603	1-244-919-51	CARBON 82K 5% 1/2W	
D610	8-719-100-86	DIODE	RD22E-B2					R604	1-206-671-00	METAL OXIDE 2K 5% 2W F	
D611	8-719-901-83	DIODE	ISS83					R605	1-249-425-11	CARBON 4.7K 5% 1/4W	
D612	8-719-900-26	DIODE	ERD29-08J								
D613	8-719-918-77	DIODE	V19G					R606	△1-217-266-11	WIREWOUND 27 10% 3W F	
D614	8-719-918-77	DIODE	V19G					R607	△1-247-805-31	CARBON 82 5% 1/4W	
D615	8-719-981-00	DIODE	ERC81-004					R608	1-217-189-21	WIREWOUND 0.12 10% 2W F	
D616	8-719-981-00	DIODE	ERC81-004					R609	1-207-692-00	WIREWOUND 680 10% 5W F	
D618	8-719-911-19	DIODE	ISS119					R610	1-207-692-00	WIREWOUND 680 10% 5W F	
								R611	1-213-145-00	METAL OXIDE 1.5K 5% 1W F	
								R612	1-215-460-00	CARBON 43K 5% 1/4W	
								R613	1-249-411-11	CARBON 330 5% 1/4W	
								R614	1-215-437-00	METAL 4.7K 1% 1/6W	
								R615	1-215-437-00	METAL 4.7K 1% 1/6W	

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Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R616	1-249-423-11	CARBON	3.3K	5%	1/4W			<u>DIODE</u>			
R618	1-247-881-00	CARBON	120K	5%	1/4W			D617	8-729-101-31	TRANSISTOR N13T1	
R619	1-247-895-00	CARBON	470K	5%	1/4W			D620	8-719-102-90	DIODE RD10E-N2	
R620	1-249-434-11	CARBON	27K	5%	1/4W						
R621	1-249-429-11	CARBON	10K	5%	1/4W						
R622	1-215-441-00	METAL	6.8K	1%	1/6W						
R624	1-215-456-00	METAL	30K	1%	1/6W			Q609	8-729-178-54	TRANSISTOR 2SC2785	
R625	1-249-429-11	CARBON	10K	5%	1/4W						
R626	1-249-405-11	CARBON	100	5%	1/4W						
R627	1-249-437-11	CARBON	47K	5%	1/4W						
R628	1-249-417-11	CARBON	1K	5%	1/4W			R655	1-244-919-51	CARBON	82K 5% 1/2W
R629	1-249-416-11	CARBON	820	5%	1/4W			R656	1-249-433-11	CARBON	22K 5% 1/4W
R630	1-249-409-11	CARBON	220	5%	1/4W			R657	1-249-405-11	CARBON	100 5% 1/4W
R631	1-213-163-00	METAL OXIDE	47K	5%	1W F			R658	1-247-883-00	CARBON	150K 5% 1/4W
R632	△ 1-247-033-11	CARBON	100	5%	1/8W F						

R640	△ 1-212-352-61	METAL OXIDE	0.22	5%	1W F			*A-1275-055-A	Q BOARD, COMPLETE		
R643	△ 1-217-418-21	FUSIBLE	0.47	10%	1/2W F				*****		
R645	1-216-345-11	METAL OXIDE	0.47	5%	1W F			1-536-843-11	TERMINAL BOARD, INPUT/OUTPUT(B)		
R646	1-216-345-11	METAL OXIDE	0.47	5%	1W F			4-603-275-00	LOCK, SCREW		
R647	1-212-352-00	METAL OXIDE	0.22	5%	1W F						
R648	1-202-841-00	SOL ID	180K	10%	1/2W						
R649	1-202-433-35	SOL ID	120K	10%	1/4W						
R650	1-249-417-11	CARBON	1K	5%	1/4W						
R655	1-249-433-11	CARBON	22K	5%	1/4W						
R659	△ 1-217-249-11	WIREWOUND	1.0	10%	3WAC 120V						
R660	1-247-692-11	CARBON	22	5%	1/4W F						
R665	1-249-466-11	CARBON	56K	5%	1/4W						
R666	1-249-397-11	CARBON	22	5%	1/8W F						

VARIABLE RESISTOR											
RV601	1-224-249-XX	RES, ADJ, METAL GLAZE	1K								
TRANSFORMER											
T601	△ 1-421-556-21	TRANSFORMER, LINE FILTER (LFT)						C402	1-123-356-00	ELECT	10MF 20% 25V
T602	△ 1-421-556-21	TRANSFORMER, LINE FILTER (LFT)						C403	1-102-949-00	CERAMIC	12PF 5% 50V
T603	△ 1-421-692-11	SRT						C405	1-123-380-00	ELECT	1MF 20% 50V
T604	△ 1-421-678-11	TRANSFORMER, PULS						C407	1-123-356-00	ELECT	10MF 20% 25V
THERMISTOR											
THP601	△ 1-800-686-32	THERMISTOR (POSITIVE)						C408	1-102-949-00	CERAMIC	12PF 5% 50V
THP602	1-806-449-11	THERMISTOR (POSITIVE)									

*1-613-847-11 F2 BOARD											

*1-564-315-00 PIN ASSY, BOARD TO BOARD 7P											
CAPACITOR											
C655	1-123-381-00	ELECT	2.2MF	20%	50V			C441	1-101-006-00	CERAMIC	0.047MF 10% 50V
								C443	1-106-383-00	MYLAR	0.047MF 10% 100V
								C444	1-106-367-00	MYLAR	0.01MF 10% 100V
								C446	1-123-379-00	ELECT	0.47MF 20% 50V
								C447	1-123-379-00	ELECT	0.47MF 20% 50V
								C448	1-123-379-00	ELECT	0.47MF 20% 50V

The components identified by shading and mark **△** are critical for safety. Replace only with part number specified.

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- The components identified by **△** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Q

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C452	1-123-382-00	ELECT	3.3MF	20%	50V	D426	8-719-109-93	DIODE	RD6.2ES-B2		
C453	1-123-228-00	ELECT	1MF	20%	50V	D427	8-719-109-93	DIODE	RD6.2ES-B2		
C455	1-101-006-00	CERAMIC	0.047MF			D428	8-719-109-93	DIODE	RD6.2ES-B2		
C457	1-102-820-00	CERAMIC	330PF	5%	50V	D435	8-719-911-19	DIODE	ISS119		
C459	1-102-820-00	CERAMIC	330PF	5%	50V	D436	8-719-911-19	DIODE	ISS119		
C461	1-102-820-00	CERAMIC	330PF	5%	50V	D437	8-719-911-19	DIODE	ISS119		
C463	1-123-356-00	ELECT	10MF	20%	25V			<u>FUSE</u>			
C464	1-123-332-00	ELECT	47MF	20%	25V	F401	▲ 1-532-580-11	FUSE, GLASS TUBE	0.5A/125V		
C466	1-123-332-00	ELECT	47MF	20%	25V	F402	▲ 1-532-536-11	FUSE, GLASS-TUBE	1A/125V		
C467	1-101-006-00	CERAMIC	0.047MF			F403	▲ 1-532-580-11	FUSE, GLASS TUBE	0.5A/125V		
C468	1-101-006-00	CERAMIC	0.047MF			F404	▲ 1-532-580-11	FUSE, GLASS TUBE	0.5A/125V		
C469	1-106-367-00	MYLAR	0.01MF	10%	100V			1-533-087-00	HOLDER, FUSE; F403		
C489	1-123-332-00	ELECT	47MF	20%	25V			1-533-087-00	HOLDER, FUSE; F404		
C490	1-123-332-00	ELECT	47MF	20%	25V						
C491	1-123-332-00	ELECT	47MF	20%	25V						
C492	1-123-332-00	ELECT	47MF	20%	25V						
C493	1-101-361-00	CERAMIC	150PF	5%	50V						
C494	1-106-367-00	MYLAR	0.01MF	10%	100V						
C495	1-101-006-00	CERAMIC	0.047MF								
C497	1-123-356-00	ELECT	10MF	20%	25V						
<u>CONNECTOR</u>											
CN407	*1-562-243-00	CONNECTOR 25P				IC401	8-752-201-90	IC	CX22019		
Q1	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P				IC402	8-759-900-09	IC	SN74LS09N		
Q2	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P				IC403	8-759-901-36	IC	SN74LS136N		
Q3	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P				IC404	8-759-900-08	IC	SN74LS08N		
Q4	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P				IC405	8-759-900-08	IC	SN74LS08N		
Q5	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P				IC406	8-759-900-04	IC	SN74LS04N		
Q7	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)				IC407	8-759-900-00	IC	SN74LS00N		
<u>DIODE</u>											
D401	8-719-911-19	DIODE ISS119				IC408	8-759-900-20	IC	SN74LS20N		
D402	8-719-911-19	DIODE ISS119				IC409	8-759-901-38	IC	SN74LS138N		
D403	8-719-911-19	DIODE ISS119				REG401A	▲ 8-759-171-05	IC	UPC7805H		
D404	8-719-100-38	DIODE RD6.2E-B2				REG402A	▲ 8-759-171-12	IC	UPC7812H		
D405	8-719-100-38	DIODE RD6.2E-B2									
D406	8-719-100-38	DIODE RD6.2E-B2									
D407	8-719-100-38	DIODE RD6.2E-B2									
D408	8-719-911-19	DIODE ISS119									
D409	8-719-911-19	DIODE ISS119									
D410	8-719-911-19	DIODE ISS119									
D411	8-719-911-19	DIODE ISS119									
D412	8-719-911-19	DIODE ISS119									
D414	8-719-911-19	DIODE ISS119									
D415	8-719-911-19	DIODE ISS119									
D416	8-719-911-19	DIODE ISS119									
D418	8-719-100-38	DIODE RD6.2E-B2									
D419	8-719-100-38	DIODE RD6.2E-B2									
D420	8-719-911-19	DIODE ISS119									
D422	8-719-100-38	DIODE RD6.2E-B2									
D423	8-719-100-23	DIODE RD4.3E-B2									
D424	8-719-911-19	DIODE ISS119									
D425	8-719-100-38	DIODE RD6.2E-B2									
<u>COIL</u>											
L401	1-408-602-21	INDUCTOR				L401	1-408-602-21	INDUCTOR		8.2UH	
L402	1-408-602-21	INDUCTOR				L402	1-408-602-21	INDUCTOR		8.2UH	
L403	1-408-602-21	INDUCTOR				L403	1-408-602-21	INDUCTOR		8.2UH	
L407	1-408-163-00	INDUCTOR				L407	1-408-163-00	INDUCTOR		5.6MMH	
<u>TRANSISTOR</u>											
Q401	8-729-117-54	TRANSISTOR 2SA1175				Q401	8-729-117-54	TRANSISTOR 2SA1175			
Q402	▲ 8-729-101-37	TRANSISTOR 2SC2785TP-F				Q402	▲ 8-729-101-37	TRANSISTOR 2SC2785TP-F			
Q403	8-729-117-54	TRANSISTOR 2SA1175				Q403	8-729-117-54	TRANSISTOR 2SA1175			
Q404	▲ 8-729-101-37	TRANSISTOR 2SC2785TP-F				Q404	▲ 8-729-101-37	TRANSISTOR 2SC2785TP-F			
Q405	8-729-117-54	TRANSISTOR 2SA1175				Q405	8-729-117-54	TRANSISTOR 2SA1175			
Q406	▲ 8-729-101-37	TRANSISTOR 2SC2785TP-F				Q406	▲ 8-729-101-37	TRANSISTOR 2SC2785TP-F			
Q407	8-729-117-54	TRANSISTOR 2SA1175				Q407	8-729-117-54	TRANSISTOR 2SA1175			
Q408	8-729-117-54	TRANSISTOR 2SA1175				Q408	8-729-117-54	TRANSISTOR 2SA1175			
Q409	8-729-178-54	TRANSISTOR 2SC2785				Q409	8-729-178-54	TRANSISTOR 2SC2785			
Q410	8-729-117-54	TRANSISTOR 2SA1175				Q410	8-729-117-54	TRANSISTOR 2SA1175			
Q411	8-729-178-54	TRANSISTOR 2SC2785				Q411	8-729-178-54	TRANSISTOR 2SC2785			
Q412	8-729-178-54	TRANSISTOR 2SC2785				Q412	8-729-178-54	TRANSISTOR 2SC2785			
Q413	8-729-178-54	TRANSISTOR 2SC2785				Q413	8-729-178-54	TRANSISTOR 2SC2785			
Q414	8-729-117-54	TRANSISTOR 2SA1175				Q414	8-729-117-54	TRANSISTOR 2SA1175			
Q415	8-729-178-54	TRANSISTOR 2SC2785				Q415	8-729-178-54	TRANSISTOR 2SC2785			

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Q

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
Q416	8-729-178-54	TRANSISTOR 2SC2785		R371	1-249-423-11	CARBON	3.3K 5% 1/4W
Q417	8-729-178-54	TRANSISTOR 2SC2785		R372	1-247-719-11	CARBON	3.3K 5% 1/4W
Q418	8-729-117-54	TRANSISTOR 2SA1175		R373	1-246-537-00	CARBON	470K 5% 1/4W
Q419	8-729-178-54	TRANSISTOR 2SC2785		R374	1-249-437-11	CARBON	47K 5% 1/4W
Q420	8-729-178-54	TRANSISTOR 2SC2785		R377	1-249-424-11	CARBON	3.9K 5% 1/4W
Q421	8-729-101-37	TRANSISTOR 2SC2785TP-F		R378	1-249-429-11	CARBON	10K 5% 1/4W
Q422	8-729-178-54	TRANSISTOR 2SC2785		R379	1-247-711-11	CARBON	680 5% 1/4W
Q423	8-729-178-54	TRANSISTOR 2SC2785		R401	1-247-104-00	CARBON	75 5% 1/4W
Q424	8-729-117-54	TRANSISTOR 2SA1175		R402	1-247-713-11	CARBON	1K 5% 1/4W
Q425	8-729-178-54	TRANSISTOR 2SC2785		R403	1-215-468-00	CARBON	91K 5% 1/4W
Q426	8-729-178-54	TRANSISTOR 2SC2785		R404	1-249-418-11	CARBON	1.2K 5% 1/4W
Q429	8-729-178-54	TRANSISTOR 2SC2785		R405	1-249-434-11	CARBON	27K 5% 1/4W
Q430	8-729-117-54	TRANSISTOR 2SA1175		R406	1-249-428-11	CARBON	8.2K 5% 1/4W
Q431	8-729-178-54	TRANSISTOR 2SC2785		R407	1-249-416-11	CARBON	820 5% 1/4W
Q433	8-729-117-54	TRANSISTOR 2SA1175		R408	1-247-104-00	CARBON	75 5% 1/4W
Q434	8-729-117-54	TRANSISTOR 2SA1175		R409	1-247-713-11	CARBON	1K 5% 1/4W
Q435	8-729-117-54	TRANSISTOR 2SA1175		R410	1-215-468-00	CARBON	91K 5% 1/4W
Q442	8-729-178-54	TRANSISTOR 2SC2785		R411	1-249-418-11	CARBON	1.2K 5% 1/4W
Q443	8-729-178-54	TRANSISTOR 2SC2785		R412	1-249-434-11	CARBON	27K 5% 1/4W
Q444	8-729-178-54	TRANSISTOR 2SC2785		R413	1-249-428-11	CARBON	8.2K 5% 1/4W
Q445	8-729-117-54	TRANSISTOR 2SA1175		R414	1-249-416-11	CARBON	820 5% 1/4W
Q446	8-729-117-54	TRANSISTOR 2SA1175		R415	1-247-104-00	CARBON	75 5% 1/4W
Q447	8-729-178-54	TRANSISTOR 2SC2785		R416	1-247-713-11	CARBON	1K 5% 1/4W
Q448	8-729-117-54	TRANSISTOR 2SA1175		R417	1-215-468-00	CARBON	91K 5% 1/4W
Q449	8-729-178-54	TRANSISTOR 2SC2785		R418	1-249-418-11	CARBON	1.2K 5% 1/4W
Q450	8-729-117-54	TRANSISTOR 2SA1175		R419	1-249-434-11	CARBON	27K 5% 1/4W
Q451	8-729-178-54	TRANSISTOR 2SC2785		R420	1-249-428-11	CARBON	8.2K 5% 1/4W
Q452	8-729-117-54	TRANSISTOR 2SA1175		R421	1-249-416-11	CARBON	820 5% 1/4W
Q453	8-729-178-54	TRANSISTOR 2SC2785		R422	1-249-466-11	CARBON	56K 5% 1/4W
Q454	8-729-117-54	TRANSISTOR 2SA1175		R423	1-247-885-00	CARBON	180K 5% 1/4W
Q455	8-729-178-54	TRANSISTOR 2SC2785		R424	1-249-440-11	CARBON	82K 5% 1/4W
Q456	8-729-178-54	TRANSISTOR 2SC2785		R425	1-249-437-11	CARBON	47K 5% 1/4W
Q457	8-729-117-54	TRANSISTOR 2SA1175		R426	1-249-427-11	CARBON	6.8K 5% 1/4W
				R427	1-249-425-11	CARBON	4.7K 5% 1/4W
				R428	1-249-466-11	CARBON	56K 5% 1/4W
<u>RESISTOR</u>							
R351	1-249-429-11	CARBON	10K 5% 1/4W	R429	1-247-885-00	CARBON	180K 5% 1/4W
R352	1-249-409-11	CARBON	220 5% 1/4W	R430	1-249-440-11	CARBON	82K 5% 1/4W
R353	1-249-429-11	CARBON	10K 5% 1/4W	R431	1-249-437-11	CARBON	47K 5% 1/4W
R354	1-249-409-11	CARBON	220 5% 1/4W	R432	1-249-427-11	CARBON	6.8K 5% 1/4W
R355	1-249-405-11	CARBON	100 5% 1/4W	R433	1-249-425-11	CARBON	4.7K 5% 1/4W
R356	1-247-711-11	CARBON	680 5% 1/4W	R434	1-247-807-31	CARBON	100 5% 1/4W
R357	1-247-711-11	CARBON	680 5% 1/4W	R435	1-249-441-11	CARBON	100K 5% 1/4W
R358	1-249-415-11	CARBON	680 5% 1/4W	R436	1-246-445-00	CARBON	68 5% 1/4W
R359	1-249-415-11	CARBON	680 5% 1/4W	R437	1-247-713-11	CARBON	1K 5% 1/4W
R361	1-247-711-11	CARBON	680 5% 1/4W	R438	1-249-421-11	CARBON	2.2K 5% 1/4W
R362	1-247-711-11	CARBON	680 5% 1/4W	R439	1-247-725-11	CARBON	10K 5% 1/4W
R364	1-249-415-11	CARBON	680 5% 1/4W	R440	1-215-468-00	CARBON	91K 5% 1/4W
R365	1-247-711-11	CARBON	680 5% 1/4W	R442	1-249-434-11	CARBON	27K 5% 1/4W
R366	1-246-457-00	CARBON	220 5% 1/4W	R443	1-249-428-11	CARBON	8.2K 5% 1/4W
R367	1-246-457-00	CARBON	220 5% 1/4W	R444	1-246-445-00	CARBON	68 5% 1/4W
R368	1-249-429-11	CARBON	10K 5% 1/4W	R445	1-247-713-11	CARBON	1K 5% 1/4W
R369	1-249-409-11	CARBON	220 5% 1/4W	R446	1-249-421-11	CARBON	2.2K 5% 1/4W
R370	1-249-409-11	CARBON	220 5% 1/4W	R447	1-247-725-11	CARBON	10K 5% 1/4W

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Q

Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R448	1-215-468-00	CARBON	91K	5%	1/4W	R666	1-249-412-11	CARBON	390	5%	1/4W
R450	1-249-434-11	CARBON	27K	5%	1/4W	R1401	1-249-421-11	CARBON	2.2K	5%	1/4W
R451	1-249-428-11	CARBON	8.2K	5%	1/4W	R1402	1-249-417-11	CARBON	1K	5%	1/4W
R452	1-246-445-00	CARBON	68	5%	1/4W	R1403	1-249-432-11	CARBON	18K	5%	1/4W
R453	1-247-713-11	CARBON	1K	5%	1/4W	R1404	1-249-424-11	CARBON	3.9K	5%	1/4W
R454	1-249-421-11	CARBON	2.2K	5%	1/4W	R1405	1-249-429-11	CARBON	10K	5%	1/4W
R455	1-247-725-11	CARBON	10K	5%	1/4W	R1406	1-249-423-11	CARBON	3.3K	5%	1/4W
R456	1-215-468-00	CARBON	91K	5%	1/4W	R1413	1-247-720-11	CARBON	3.9K	5%	1/4W
R458	1-249-434-11	CARBON	27K	5%	1/4W	R1414	1-247-708-11	CARBON	470	5%	1/4W
R459	1-249-428-11	CARBON	8.2K	5%	1/4W	R1415	1-247-722-11	CARBON	5.6K	5%	1/4W
R460	1-247-700-11	CARBON	100	5%	1/4W	R1417	1-249-413-11	CARBON	470	5%	1/4W
R461	1-249-421-11	CARBON	2.2K	5%	1/4W	R1419	1-249-419-11	CARBON	1.5K	5%	1/4W
R462	1-249-417-11	CARBON	1K	5%	1/4W	R1420	1-249-425-11	CARBON	4.7K	5%	1/4W
R463	1-249-424-11	CARBON	3.9K	5%	1/4W	R1421	1-249-417-11	CARBON	1K	5%	1/4W
R465	1-249-419-11	CARBON	1.5K	5%	1/4W	R1423	1-249-415-11	CARBON	680	5%	1/4W
R466	1-249-411-11	CARBON	330	5%	1/4W	R1432	1-249-429-11	CARBON	10K	5%	1/4W
R467	1-249-416-11	CARBON	820	5%	1/4W	R1433	1-249-423-11	CARBON	3.3K	5%	1/4W
R468	1-249-419-11	CARBON	1.5K	5%	1/4W	R1434	1-215-438-00	CARBON	5.1K	5%	1/4W
R469	1-249-411-11	CARBON	330	5%	1/4W	R1435	1-249-418-11	CARBON	1.2K	5%	1/4W
R470	1-249-416-11	CARBON	820	5%	1/4W	R1436	1-249-436-11	CARBON	39K	5%	1/4W
R471	1-249-419-11	CARBON	1.5K	5%	1/4W	R1437	1-249-429-11	CARBON	10K	5%	1/4W
R472	1-249-411-11	CARBON	330	5%	1/4W	R1438	1-249-426-11	CARBON	5.6K	5%	1/4W
R473	1-249-416-11	CARBON	820	5%	1/4W	R1439	1-249-425-11	CARBON	4.7K	5%	1/4W
R474	1-249-425-11	CARBON	4.7K	5%	1/4W	R1441	1-249-433-11	CARBON	22K	5%	1/4W
R475	1-249-428-11	CARBON	8.2K	5%	1/4W	R1442	1-215-491-00	CARBON	820K	5%	1/4W
R476	1-249-417-11	CARBON	1K	5%	1/4W	R1443	1-215-491-00	CARBON	820K	5%	1/4W
R477	1-249-425-11	CARBON	4.7K	5%	1/4W	R1444	1-215-491-00	CARBON	820K	5%	1/4W
R478	1-249-425-11	CARBON	4.7K	5%	1/4W	R1445	1-249-436-11	CARBON	39K	5%	1/4W
R479	1-249-425-11	CARBON	4.7K	5%	1/4W	R1446	1-249-435-11	CARBON	33K	5%	1/4W
R480	1-246-445-00	CARBON	68	5%	1/4W	R1447	1-246-527-00	CARBON	180K	5%	1/4W
R481	1-247-717-11	CARBON	2.2K	5%	1/4W	R1448	1-249-426-11	CARBON	5.6K	5%	1/4W
R482	1-249-421-11	CARBON	2.2K	5%	1/4W	R1449	1-249-421-11	CARBON	2.2K	5%	1/4W
R483	1-249-405-11	CARBON	100	5%	1/4W	R1451	1-249-417-11	CARBON	1K	5%	1/4W
R484	1-249-429-11	CARBON	10K	5%	1/4W	R1452	1-249-423-11	CARBON	3.3K	5%	1/4W
R485	1-215-468-00	CARBON	91K	5%	1/4W	R1453	1-249-417-11	CARBON	1K	5%	1/4W
R486	1-249-434-11	CARBON	27K	5%	1/4W	R1454	1-249-423-11	CARBON	3.3K	5%	1/4W
R487	1-249-428-11	CARBON	8.2K	5%	1/4W	R1455	1-249-421-11	CARBON	2.2K	5%	1/4W
R488	1-246-457-00	CARBON	220	5%	1/4W	R1456	1-249-413-11	CARBON	470	5%	1/4W
R489	1-247-721-11	CARBON	4.7K	5%	1/4W	R1457	1-249-421-11	CARBON	2.2K	5%	1/4W
R490	1-249-419-11	CARBON	1.5K	5%	1/4W	R1458	1-249-401-11	CARBON	47	5%	1/4W
R491	1-249-421-11	CARBON	2.2K	5%	1/4W	R1459	1-249-414-11	CARBON	560	5%	1/4W
R492	1-249-416-11	CARBON	820	5%	1/4W	R1460	1-249-397-11	CARBON	22	5%	1/4W
R493	1-247-819-31	CARBON	330	5%	1/4W	R1461	1-249-421-11	CARBON	2.2K	5%	1/4W
R494	1-249-429-11	CARBON	4.7K	5%	1/4W	R1462	1-249-413-11	CARBON	470	5%	1/4W
R495	1-249-433-11	CARBON	22K	5%	1/4W	R1463	1-249-421-11	CARBON	2.2K	5%	1/4W
R496	1-249-437-11	CARBON	47K	5%	1/4W	R1464	1-249-401-11	CARBON	47	5%	1/4W
R497	1-249-429-11	CARBON	10K	5%	1/4W	R1465	1-249-414-11	CARBON	560	5%	1/4W
R499	1-249-411-11	CARBON	330	5%	1/4W	R1466	1-249-397-11	CARBON	22	5%	1/4W
R661	1-247-703-11	CARBON	180	5%	1/4W	R1467	1-249-421-11	CARBON	2.2K	5%	1/4W
R662	1-247-703-11	CARBON	180	5%	1/4W	R1468	1-249-413-11	CARBON	470	5%	1/4W
R663	1-247-703-11	CARBON	180	5%	1/4W	R1469	1-249-421-11	CARBON	2.2K	5%	1/4W
R664	1-249-412-11	CARBON	390	5%	1/4W	R1470	1-249-401-11	CARBON	47	5%	1/4W
R665	1-249-412-11	CARBON	390	5%	1/4W	R1471	1-249-414-11	CARBON	560	5%	1/4W

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q C1

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
R1472	1-249-397-11	CARBON	22 5% 1/4W	C712	1-129-737-00	FILM	0.047MF 20% 630V		
R1473	1-249-428-11	CARBON	8.2K 5% 1/4W	C713	1-123-356-00	ELECT	10MF 20% 50V		
R1474	1-249-427-11	CARBON	6.8K 5% 1/4W	C714	1-102-249-00	CERAMIC	680PF 20% 2KV		
R1475	1-249-429-11	CARBON	10K 5% 1/4W	C715	1-102-219-00	CERAMIC	680PF 10% 1KV		
R1476	1-249-409-11	CARBON	220 5% 1/4W	C716	1-161-731-00	CERAMIC	0.001MF 10% 2KV		
R1477	1-249-409-11	CARBON	220 5% 1/4W			<u>DIODE</u>			
R1478	1-249-409-11	CARBON	220 5% 1/4W	D701	8-719-300-76	DIODE RH1A			
R1479	1-249-425-11	CARBON	4.7K 5% 1/4W	D702	8-719-300-76	DIODE RH1A			
R1480	1-249-425-11	CARBON	4.7K 5% 1/4W	D703	8-719-300-76	DIODE RH1A			
R1481	1-249-417-11	CARBON	1K 5% 1/4W			<u>COIL</u>			
R1482	1-249-429-11	CARBON	10K 5% 1/4W	L701	1-407-701-00	INDUCTOR	47UH		
R1483	1-249-429-11	CARBON	10K 5% 1/4W	L702	1-407-701-00	INDUCTOR	47UH		
R1484	1-247-725-11	CARBON	10K 5% 1/4W	L703	1-407-701-00	INDUCTOR	47UH		
R1485	1-246-457-00	CARBON	220 5% 1/4W	L704	1-407-701-00	INDUCTOR	47UH		
R1486	1-247-725-11	CARBON	10K 5% 1/4W			<u>TRANSISTOR</u>			
R1487	1-246-457-00	CARBON	220 5% 1/4W	Q701	8-729-178-54	TRANSISTOR 2SC2785			
R1488	1-247-725-11	CARBON	10K 5% 1/4W	Q702	8-729-168-82	TRANSISTOR 2SC2688			
R1489	1-246-457-00	CARBON	220 5% 1/4W	4-370-970-01	SPACER, TR; Q702				
R1490	1-247-725-11	CARBON	10K 5% 1/4W	Q703	8-729-178-54	TRANSISTOR 2SC2785			
R1492	1-246-457-00	CARBON	220 5% 1/4W	Q704	8-729-168-82	TRANSISTOR 2SC2688			
<u>VARIABLE RESISTOR</u>									
RV401	1-226-853-00	RES, ADJ, CARBON	47K						
RV402	1-226-852-00	RES, ADJ, CARBON	22K						
RV403	1-226-852-00	RES, ADJ, CARBON	22K						
RV404	1-226-852-00	RES, ADJ, CARBON	22K						
RV405	1-226-852-00	RES, ADJ, CARBON	22K						
<u>SWITCH</u>									
S401	1-553-725-00	SWITCH, SLIDE		R701	1-249-421-11	CARBON	2.2K 5% 1/4W		
S402	1-553-725-00	SWITCH, SLIDE		R702	1-249-413-11	CARBON	470 5% 1/4W		
S403	1-553-725-00	SWITCH, SLIDE		R703	1-249-413-11	CARBON	470 5% 1/4W		
				R704	1-247-793-00	CARBON	27 5% 1/4W		
				R705	1-206-743-00	METAL OXIDE	5.6K 5% 3W F		

*A-1330-541-A C1 BOARD, COMPLETE									

1-526-645-00 SOCKET, CRT									
<u>CONNECTOR</u>									
C1	*1-508-765-00	3P PLUG (M)		R712	1-247-793-00	CARBON	27 5% 1/4W		
C2	*1-508-786-00	2P PLUG (M)		R713	1-206-743-00	METAL OXIDE	5.6K 5% 3W F		
				R714	1-249-408-11	CARBON	180 5% 1/4W		
				R716	1-247-838-00	CARBON	2K 5% 1/4W		
				R717	1-249-421-11	CARBON	2.2K 5% 1/4W		
<u>CAPACITOR</u>									
C701	1-123-356-00	ELECT	10MF	20%	25V	R718	1-249-413-11	CARBON	470 5% 1/4W
C703	1-102-116-00	CERAMIC	680PF	10%	50V	R719	1-249-413-11	CARBON	470 5% 1/4W
C704	1-124-039-51	ELECT	10MF	20%	16V	R720	1-247-793-00	CARBON	27 5% 1/4W
C705	1-102-115-00	CERAMIC	560PF	10%	50V	R721	1-206-743-00	METAL OXIDE	5.6K 5% 3W F
C706	1-124-039-51	ELECT	10MF	20%	16V	R722	1-249-408-11	CARBON	180 5% 1/4W
C707	1-102-116-00	CERAMIC	680PF	10%	50V	R723	1-249-391-11	CARBON	6.8 5% 1/6W
C708	1-124-039-51	ELECT	10MF	20%	16V	R724	1-247-838-00	CARBON	2K 5% 1/4W
C709	1-121-759-00	ELECT	4.7MF		250V	R725	1-247-694-11	CARBON	33 5% 1/4W
C710	1-106-387-00	MYLAR	0.1MF	10%	200V	R726	1-244-925-00	CARBON	150K 5% 1/2W
C711	1-102-038-00	CERAMIC	0.001MF		500V	R727	1-202-824-00	SOL ID	3.3K 10% 1/2W

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Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark						
R728	1-202-824-00	SOLID	3.3K	10%	1/2W		C509	1-123-380-00	ELECT	1MF	20%	50V					
R729	1-202-824-00	SOLID	3.3K	10%	1/2W		C511	1-123-356-00	ELECT	10MF	20%	25V					
R730	1-202-815-11	SOLID	47K	10%	1/2W		C512	1-123-380-00	ELECT	1MF	20%	50V					
R731	1-202-719-00	SOLID	1M	10%	1/2W		C513	1-130-487-00	MYLAR	0.022MF	5%	50V					
R732	1-202-722-00	SOLID	1.8M	10%	1/2W		C514	1-130-491-00	MYLAR	0.047MF	5%	50V					
R733	1-202-719-00	SOLID	1M	10%	1/2W		C515	1-124-514-11	ELECT	100MF	20%	50V					
R734	1-202-824-00	SOLID	3.3K	10%	1/2W		C516	1-102-228-00	CERAMIC	470PF	10%	500V					
R735	1-202-720-00	SOLID	1.2M	10%	1/2W		C517	1-106-375-12	MYLAR	0.022MF	10%	100V					
R736	1-202-834-00	SOLID	27K	10%	1/2W		C518	1-123-356-00	ELECT	10MF	20%	25V					
R737	1-202-549-00	SOLID	100	5%	1/2W		C519	1-123-228-00	ELECT	1MF	20%	50V					
R738	1-202-842-11	SOLID	220K	10%	1/2W		C520	1-123-330-00	ELECT	22MF	20%	25V					
	<u>VARIABLE RESISTOR</u>						C521	1-123-336-00	ELECT	470MF	20%	25V					
							C522	1-123-330-00	ELECT	22MF	20%	16V					
RV701	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			C523	1-123-330-00	ELECT	22MF	20%	16V					
RV702	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			C524	1-123-380-00	ELECT	1MF	20%	50V					
RV703	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			C525	1-130-485-00	MYLAR	0.015MF	5%	50V					
RV704	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			C526	1-131-356-00	TANTALUM	3.3MF	10%	25V					
RV705	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			C527	1-126-103-11	ELECT	470MF	20%	16V					
RV706	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			C528	1-123-382-00	ELECT	3.3MF	20%	50V					
RV707	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			C529	1-123-228-00	ELECT	1MF	20%	50V					
RV708	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			C530	1-130-483-00	MYLAR	0.01MF	5%	50V					
RV709	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			C531	1-130-491-00	MYLAR	0.047MF	5%	50V					
RV710	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			C532	1-123-380-00	ELECT	1MF	20%	50V					
RV711	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			C533	1-123-356-00	ELECT	10MF	20%	16V					
RV712	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			C534	1-106-343-00	MYLAR	0.001MF	5%	50V					
RV713	1-226-114-00	RES, ADJ, METAL	GLAZE	2.2M			C535	1-123-333-00	ELECT	100MF	20%	25V					
RV714	1-226-063-00	RES, ADJ, CARBON	2.2M				C536	1-123-336-00	ELECT	470MF	20%	25V					
							C537	1-123-381-00	ELECT	2.2MF	20%	50V					
							C538	1-102-973-00	CERAMIC	100PF	5%	50V					
							C751	1-123-380-00	ELECT	1MF	20%	50V					
*****							C752	1-123-381-00	ELECT	2.2MF	20%	50V					
*1-613-038-11							C753	1-124-791-11	ELECT	1MF	20%	50V					
*****							C755	1-130-495-00	MYLAR	0.1MF	5%	50V					
CONNECTOR							C756	1-124-791-11	ELECT	1MF	20%	50V					
C4	*1-560-129-00	PLUG, CONNECTOR	(2.5MM)	9P			C757	1-162-117-00	CERAMIC	100PF	10%	500V					
C5	*1-560-129-00	PLUG, CONNECTOR	(2.5MM)	9P			C758	1-108-824-00	MYLAR	0.47MF	5%	50V					
	<u>SWITCH</u>						C759	1-123-356-00	ELECT	10MF	20%	25V					
S701	1-554-974-11	SWITCH, SLIDE					C760	1-124-126-00	ELECT	47MF	20%	25V					
							C761	1-123-382-00	ELECT	3.3MF	20%	50V					
							C762	1-123-330-00	ELECT	22MF	20%	25V					
*****							C764	1-123-334-00	ELECT	220MF	20%	25V					
*A-1345-472-A							C766	1-123-380-00	ELECT	1MF	20%	50V					
D BOARD, COMPLETE							C767	1-123-380-00	ELECT	1MF	20%	50V					
*****							C768	1-106-220-00	MYLAR	0.1MF	10%	100V					
3-701-833-01							C769	1-124-126-00	ELECT	47MF	20%	25V					
<u>CAPACITOR</u>							C801	1-136-173-00	FILM	0.47MF	5%	50V					
C503	1-102-121-00	CERAMIC	0.0022MF	10%	50V		C802	1-123-381-00	ELECT	2.2MF	20%	50V					
C504	1-106-379-12	MYLAR	0.033MF	10%	100V		C803	1-101-888-00	CERAMIC	68PF	5%	50V					
C505	1-123-380-00	ELECT	1MF	20%	50V		C804	1-123-380-00	ELECT	1MF	20%	50V					
C506	1-130-485-00	MYLAR	0.015MF	5%	50V		C805	1-101-361-00	CERAMIC	150PF	5%	50V					
C507	1-123-380-00	ELECT	1MF	20%	50V		C806	1-106-343-00	MYLAR	0.001MF	5%	50V					
C508	1-136-173-00	FILM	0.47MF	5%	50V		C807	1-101-361-00	CERAMIC	150PF	5%	50V					
							C808	1-123-369-00	ELECT	4.7MF	20%	25V					

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Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
C810	1-106-359-00	MYLAR	0.0047MF 5%	50V	C873	1-126-103-11	ELECT	470MF 20%	16V
C811	1-106-367-00	MYLAR	0.01MF 10%	100V	C874	1-106-367-00	MYLAR	0.01MF 10%	100V
C813	1-106-375-12	MYLAR	0.022MF 10%	100V	C876	1-102-816-00	CERAMIC	120PF 5%	50V
C814	1-106-351-00	MYLAR	0.0022MF 10%	100V	C877	1-101-361-00	CERAMIC	150PF 5%	50V
C815	1-129-794-00	FILM	0.0033MF 5%	100V	C879	1-101-361-00	CERAMIC	150PF 5%	50V
C816	1-123-381-00	ELECT	2.2MF 20%	50V	C880	1-101-888-00	CERAMIC	68PF 5%	50V
C817	1-123-381-00	ELECT	2.2MF 20%	50V	C881	1-102-820-00	CERAMIC	330PF 5%	50V
C818	1-123-330-00	ELECT	22MF 20%	25V	C883	1-108-818-11	MYLAR	0.15MF 5%	50V
C819	1-123-330-00	ELECT	22MF 20%	25V	C884	1-123-356-00	ELECT	10MF 20%	25V
C821	1-123-381-00	ELECT	2.2MF 20%	50V	C885	1-130-493-00	MYLAR	0.068MF 5%	50V
C822	1-123-380-00	ELECT	1MF 20%	50V	C886	1-106-351-00	MYLAR	0.0022MF 5%	50V
C823	1-123-356-00	ELECT	10MF 20%	16V	C887	1-123-332-00	ELECT	47MF 20%	16V
C824	1-123-356-00	ELECT	10MF 20%	50V	C888	1-126-103-11	ELECT	470MF 20%	16V
C825	1-123-322-00	ELECT	330MF 20%	16V	C889	1-108-818-11	MYLAR	0.15MF 5%	50V
C827	1-123-379-00	ELECT	0.47MF 20%	50V	C895	1-102-512-00	CERAMIC	16PF 5%	50V
C828	1-102-820-00	CERAMIC	330PF 5%	50V					<u>CONNECTOR</u>
C829	1-106-385-00	MYLAR	0.056MF 10%	200V	D1	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P		
C830	1-102-030-00	CERAMIC	330PF 10%	500V	D2	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)		
C832	△ 1-161-961-11	CERAMIC	0.0022MF 10%	3KV	D3	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		
C833	1-106-387-00	MYLAR	0.068MF 10%	200V	D4	*1-508-765-00	3P PLUG (M)		
C834	△ 1-136-064-11	FILM	0.002MF 3%	2KV	D5	*1-508-765-00	3P PLUG (M)		
C835	△ 1-136-079-11	FILM	0.01MF 3%	2KV	D6	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P		
C836	1-136-186-00	FILM	2.4MF 5%	200V	D7	*1-508-766-00	4P PLUG (M)		
C837	1-106-387-00	MYLAR	0.1MF 10%	200V	D8	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		
C838	1-136-112-00	FILM	1.4MF 5%	200V	D9	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		
C839	1-130-566-00	MYLAR	2.2MF 10%	250V	D10	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)		
C840	1-136-123-00	FILM	0.51MF 5%	400V	D11	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		
C841	1-123-267-00	ELECT	2.2MF 20%	160V	D12	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P		
C842	1-106-357-00	MYLAR	0.0039MF 10%	100V					<u>DIODE</u>
C843	1-123-380-00	ELECT	1MF 20%	50V	D44	1-123-322-00	ELECT	330MF 20%	16V
C844	1-123-347-00	ELECT	330MF 20%	35V	D501	8-719-100-23	DIODE RD4.3E-B2		
C846	1-123-347-00	ELECT	330MF 20%	35V	D502	8-719-911-19	DIODE 1SS119		
C849	1-130-495-00	MYLAR	0.1MF 5%	50V	D504	8-719-911-19	DIODE 1SS119		
C850	1-129-706-00	FILM	0.0022MF 10%	630V	D505	8-719-911-19	DIODE 1SS119		
C851	1-106-367-00	MYLAR	0.01MF 10%	200V	D506	8-719-911-55	DIODE U05G		
C852	1-123-337-00	ELECT	1000MF 20%	25V	D507	8-719-911-19	DIODE 1SS119		
C853	1-102-212-00	CERAMIC	820PF 10%	500V	D509	8-719-911-19	DIODE 1SS119		
C854	1-121-999-00	ELECT	1.0MF 160V	160V	D751	8-719-911-19	DIODE 1SS119		
C855	1-123-024-00	ELECT	33MF 160V	160V	D752	8-719-911-19	DIODE 1SS119		
C856	1-106-383-00	MYLAR	0.047MF 10%	200V	D753	8-719-911-19	DIODE 1SS119		
C857	1-102-223-00	CERAMIC	0.0047MF 10%	2KV	D754	8-719-911-19	DIODE 1SS119		
C858	1-102-971-00	CERAMIC	82PF 5%	50V	D801	8-719-911-55	DIODE U05G		
C859	1-123-369-00	ELECT	4.7MF 20%	50V	D802	8-719-911-19	DIODE 1SS119		
C860	1-123-332-00	ELECT	47MF 20%	25V	D803	8-719-100-30	DIODE RD5.1E-B2		
C861	△ 1-136-065-11	FILM	0.0027MF 3%	2KV	D804	8-719-100-80	DIODE RD20E-B2		
C862	△ 1-136-066-11	FILM	0.003MF 3%	2KV	D805	8-719-305-15	DIODE GH3F		
C863	△ 1-136-064-11	FILM	0.002MF 3%	2KV	D806	8-719-928-08	DIODE ERD28-08S		
C865	1-106-367-00	MYLAR	0.01MF 10%	200V	D807	8-719-918-77	DIODE V19G		
C866	1-101-361-00	CERAMIC	150PF 5%	50V	D808	8-719-918-77	DIODE V19G		
C868	1-123-356-00	ELECT	10MF 20%	16V	D809	8-719-300-76	DIODE RH1A		
C870	1-123-332-00	ELECT	47MF 20%	25V	D810	8-719-903-09	DIODE V30N		
C871	1-123-380-00	ELECT	1MF 20%	50V	D811	8-719-911-19	DIODE 1SS119		
C872	1-106-367-00	MYLAR	0.01MF 10%	100V					

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D

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
D812	8-719-300-76	DIODE RH1A		Q755	8-729-378-91	TRANSISTOR 2SD789	
D813	8-719-300-76	DIODE RH1A		Q756	8-729-378-91	TRANSISTOR 2SD789	
D814	8-719-911-19	DIODE 1SS119		Q757 ▲	8-729-378-91	TRANSISTOR 2SD789-3	REPLACEMENT
D815	8-719-911-19	DIODE 1SS119		Q758 ▲	8-729-374-01	TRANSISTOR 2SB740-2	REPLACEMENT
D816	8-719-911-19	DIODE 1SS119		Q760	8-729-178-54	TRANSISTOR 2SC2785	
D817	8-719-100-65	DIODE RD12E-B2		Q801	8-729-178-54	TRANSISTOR 2SC2785	
D818	8-719-911-55	DIODE U05G		Q802	8-729-117-54	TRANSISTOR 2SA1175	
		<u>IC</u>		Q803	8-729-178-54	TRANSISTOR 2SC2785	
IC501	8-759-100-60	IC UPC1377C		Q804	8-729-168-82	TRANSISTOR 2SC2688	
IC502	8-759-979-16	IC CX7916		Q805	8-729-800-87	TRANSISTOR 2SD1398	
IC503	8-759-105-82	IC UPC1378H-P					
IC504	8-759-145-58	IC UPC4558C		*4-363-404-00		HOLDER, IC; Q805	
IC801	8-759-345-38	IC HD14538BP		4-363-414-00		SPACER, MICA; Q805	
IC802	8-759-240-11	IC TC4011BP		Q806 ▲	8-729-313-82	TRANSISTOR 2SD1138-C	REPLACEMENT
IC803	8-759-145-58	IC UPC4558C		Q807	8-729-900-36	TRANSISTOR DTC124ES	
IC804	8-759-905-39	IC TDA1082		Q808	8-729-900-36	TRANSISTOR DTC124ES	
IC805	8-759-700-06	IC NJM7812B					
*4-323-833-00	HEAT SINK, PIN OUT; IC805			Q810	8-729-900-36	TRANSISTOR DTC124ES	
		<u>COIL</u>		Q811	8-729-117-54	TRANSISTOR 2SA1175	
L501	1-408-231-00	INDUCTOR	1MMH	Q812	8-729-178-54	TRANSISTOR 2SC2785	
L752	1-407-508-00	INDUCTOR	22MMH	Q813	8-729-900-36	TRANSISTOR DTC124ES	
L753	1-408-247-00	INDUCTOR	33MMH	Q814	8-729-178-54	TRANSISTOR 2SC2785	
L802	1-408-349-00	COIL, CHOKE					
L803	1-408-238-00	INDUCTOR	3.9MMH	Q817	8-729-117-54	TRANSISTOR 2SA1175	
				Q818	8-729-117-54	TRANSISTOR 2SA1175	
L804 ▲	1-459-241-12	COIL, HORIZONTAL LINIALITY		Q819	8-729-178-54	TRANSISTOR 2SC2785	
L805 ▲	1-459-568-11	COIL, CHOKE 980UH		Q820	8-729-178-54	TRANSISTOR 2SC2785	
L806	1-407-365-00	COIL, CHOKE		Q821	8-729-178-54	TRANSISTOR 2SC2785	
L807	1-459-104-00	COIL, DUST CORE					
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH		Q822	8-729-178-54	TRANSISTOR 2SC2785	
				Q823	8-729-178-54	TRANSISTOR 2SC2785	
L804 ▲	1-459-241-12	COIL, HORIZONTAL LINIALITY		Q824	8-729-178-54	TRANSISTOR 2SC2785	
		<u>TRANSISTOR</u>					
Q502	8-729-900-36	TRANSISTOR DTC124ES		R504	1-249-425-11	CARBON	4.7K 5% 1/4W
Q503	8-729-900-36	TRANSISTOR DTC124ES		R505	1-249-436-11	CARBON	39K 5% 1/4W
Q504	8-729-900-36	TRANSISTOR DTC124ES		R506	1-249-435-11	CARBON	33K 5% 1/4W
Q505	8-729-900-63	TRANSISTOR DTA124ES		R507	1-215-455-00	METAL	27K 1% 1/6W
Q507	8-729-117-54	TRANSISTOR 2SA1175		R508	1-249-418-11	CARBON	1.2K 5% 1/4W
				R509	1-215-473-00	METAL	150K 1% 1/6W
L809	1-407-841-00	COIL 15UH		R510	1-215-461-00	METAL	47K 1% 1/6W
L810	1-408-074-00	INDUCTOR	56UH	R513	1-215-479-00	METAL	270K 1% 1/6W
L811	1-459-155-00	COIL (WITH CORE) 45UH		R514	1-215-463-00	METAL	56K 1% 1/6W
L812	1-459-115-00	COIL, DCC-H		R515	1-215-410-00	CARBON	360 5% 1/4W
L814	1-407-841-00	COIL 15UH					
L816	1-408-247-00	INDUCTOR	33MMH	R516	1-249-415-11	CARBON	680 5% 1/4W
				R517	1-215-418-00	CARBON	750 5% 1/4W
		<u>RESISTOR</u>		R518	1-249-409-11	CARBON	220 5% 1/4W
				R519	1-249-441-11	CARBON	100K 5% 1/4W
				R520	1-249-425-11	CARBON	4.7K 5% 1/4W
				R521	1-215-476-00	CARBON	200K 5% 1/4W
				R522	1-215-458-00	METAL	36K 1% 1/6W
				R524	1-215-432-00	CARBON	3K 5% 1/4W
				R525	1-249-430-11	CARBON	12K 5% 1/4W
				R526	1-215-436-00	CARBON	4.3K 5% 1/4W
				R527	1-249-433-11	CARBON	22K 5% 1/4W
				R528 ▲	1-215-373-31	METAL	10 1% 1/6W
				R529	1-215-866-11	METAL OXIDE	330 5% 1W F

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D

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R530	1-215-866-11	METAL OXIDE	330 5% 1W F	R593	1-249-413-11	CARBON	470 5% 1/4W
R531	1-215-464-00	CARBON	62K 5% 1/4W	R594	1-249-417-11	CARBON	1K 5% 1/4W
R532	1-215-460-00	CARBON	43K 5% 1/4W	R595	1-249-417-11	CARBON	1K 5% 1/4W
R533	1-249-442-11	CARBON	510 5% 1/4W	R596	1-249-409-11	CARBON	220 5% 1/4W
R534	1-249-442-11	CARBON	510 5% 1/4W	R597	1-249-417-11	CARBON	1K 5% 1/4W
R542	1-212-366-00	METAL OXIDE	3.3 5% 1W F	R751	1-215-464-00	CARBON	62K 5% 1/4W
R544	1-247-746-11	CARBON	390 5% 1/2W	R753	1-249-439-11	CARBON	68K 5% 1/4W
R545	1-249-420-11	CARBON	1.8K 5% 1/4W	R754	1-249-432-11	CARBON	18K 5% 1/4W
R546	1-249-427-11	CARBON	6.8K 5% 1/4W	R755	1-249-417-11	CARBON	1K 5% 1/4W
R547	1-249-417-11	CARBON	1K 5% 1/4W	R756	1-249-414-11	CARBON	560 5% 1/4W
R548	1-249-426-11	CARBON	5.6K 5% 1/4W	R757	1-249-417-11	CARBON	1K 5% 1/4W
R549	1-249-429-11	CARBON	10K 5% 1/4W	R758	1-249-411-11	CARBON	330 5% 1/4W
R550	1-215-468-00	CARBON	91K 5% 1/4W	R760	1-249-442-11	CARBON	510 5% 1/4W
R551	1-249-437-11	CARBON	47K 5% 1/4W	R761	1-249-417-11	CARBON	1K 5% 1/4W
R552	1-249-428-11	CARBON	8.2K 5% 1/4W	R762	1-249-415-11	CARBON	680 5% 1/4W
R553	1-249-425-11	CARBON	4.7K 5% 1/4W	R763	1-215-476-00	CARBON	200K 5% 1/4W
R554	1-215-476-00	CARBON	200K 5% 1/4W	R764	1-215-436-00	CARBON	4.3K 5% 1/4W
R555	1-249-426-11	CARBON	5.6K 5% 1/4W	R765	1-213-147-00	METAL OXIDE	2.2K 5% 1W F
R556	1-249-431-11	CARBON	15K 5% 1/4W	R766	1-247-802-31	CARBON	62K 5% 1/4W
R558	1-249-435-11	CARBON	33K 5% 1/4W	R767	1-249-405-11	CARBON	100 5% 1/4W
R559	1-249-429-11	CARBON	10K 5% 1/4W	R768	1-249-430-11	CARBON	12K 5% 1/4W
R560	1-249-429-11	CARBON	10K 5% 1/4W	R769	1-247-021-00	CARBON	1.5 5% 1/8W F
R561	1-215-466-00	CARBON	75K 5% 1/4W	R770	1-247-021-00	CARBON	1.5 5% 1/8W F
R562	1-249-439-11	CARBON	68K 5% 1/4W	R771	1-215-464-00	CARBON	62K 5% 1/4W
R563	1-249-439-11	CARBON	68K 5% 1/4W	R772	1-215-460-00	CARBON	43K 5% 1/4W
R564	1-215-479-00	CARBON	270K 5% 1/4W	R773	1-249-442-11	CARBON	510 5% 1/4W
R565	1-249-429-11	CARBON	10K 5% 1/4W	R774	1-249-410-11	CARBON	270 5% 1/4W
R566	1-215-493-00	METAL	1M 1% 1/6W	R775	1-249-442-11	CARBON	510 5% 1/4W
R567	1-249-440-11	CARBON	82K 5% 1/4W	R776	1-249-411-11	CARBON	330 5% 1/4W
R568	1-249-405-11	CARBON	100 5% 1/4W	R777	1-249-414-11	CARBON	560 5% 1/4W
R569	1-249-439-11	CARBON	68K 5% 1/4W	R778	1-249-439-11	CARBON	68K 5% 1/4W
R570	1-215-460-00	CARBON	43K 5% 1/4W	R779	1-249-429-11	CARBON	10K 5% 1/4W
R571	1-249-417-11	CARBON	1K 5% 1/4W	R780	1-249-418-11	CARBON	1.2K 5% 1/4W
R572	1-249-417-11	CARBON	1K 5% 1/4W	R781	1-215-406-00	CARBON	240 5% 1/4W
R573	1-247-881-00	CARBON	120K 5% 1/4W	R782	1-215-412-00	CARBON	430 5% 1/4W
R574	1-249-438-11	CARBON	56K 5% 1/4W	R783	1-249-410-11	CARBON	270 5% 1/4W
R575	1-249-426-11	CARBON	5.6K 5% 1/4W	R784	1-249-427-11	CARBON	6.8K 5% 1/4W
R576	1-249-421-11	CARBON	2.2K 5% 1/4W	R785	1-247-021-11	CARBON	1.5 5% 1/8W F
R577	1-249-409-11	CARBON	220 5% 1/4W	R786	1-247-021-11	CARBON	1.5 5% 1/8W F
R578	1-215-479-00	CARBON	270K 5% 1/4W	R787	1-247-881-00	CARBON	120K 5% 1/4W
R579	1-249-441-11	CARBON	100K 5% 1/4W	R788	1-249-441-11	CARBON	100K 5% 1/4W
R580	1-249-417-11	CARBON	1K 5% 1/4W	R789	1-249-418-11	CARBON	1.2K 5% 1/4W
R581	1-249-417-11	CARBON	1K 5% 1/4W	R790	1-247-001-11	CARBON	15 5% 1/4W F
R582	1-249-426-11	CARBON	5.6K 5% 1/4W	R801	1-249-423-11	CARBON	3.3K 5% 1/4W
R583	1-215-482-00	CARBON	360K 5% 1/4W	R802	1-249-432-11	CARBON	18K 5% 1/4W
R584	1-249-437-11	CARBON	47K 5% 1/4W	R803	1-247-881-00	CARBON	120K 5% 1/4W
R585	1-249-399-11	CARBON	33 5% 1/4W	R804	1-249-435-11	CARBON	33K 5% 1/4W
R586	1-249-431-11	CARBON	15K 5% 1/4W	R805	1-249-419-11	CARBON	1.5K 5% 1/4W
R587	1-249-417-11	CARBON	1K 5% 1/4W	R806	1-249-421-11	CARBON	2.2K 5% 1/4W
R589	1-249-417-11	CARBON	1K 5% 1/4W	R807	1-215-484-00	CARBON	430K 5% 1/4W
R590	1-215-493-00	CARBON	1M 5% 1/4W	R808	1-249-434-11	CARBON	27K 5% 1/4W
R591	1-215-476-00	CARBON	200K 5% 1/4W	R809	1-249-419-11	CARBON	1.5K 5% 1/4W
R592	1-212-364-00	METAL OXIDE	2.2 5% 1W F	R810	1-249-428-11	CARBON	8.2K 5% 1/4W

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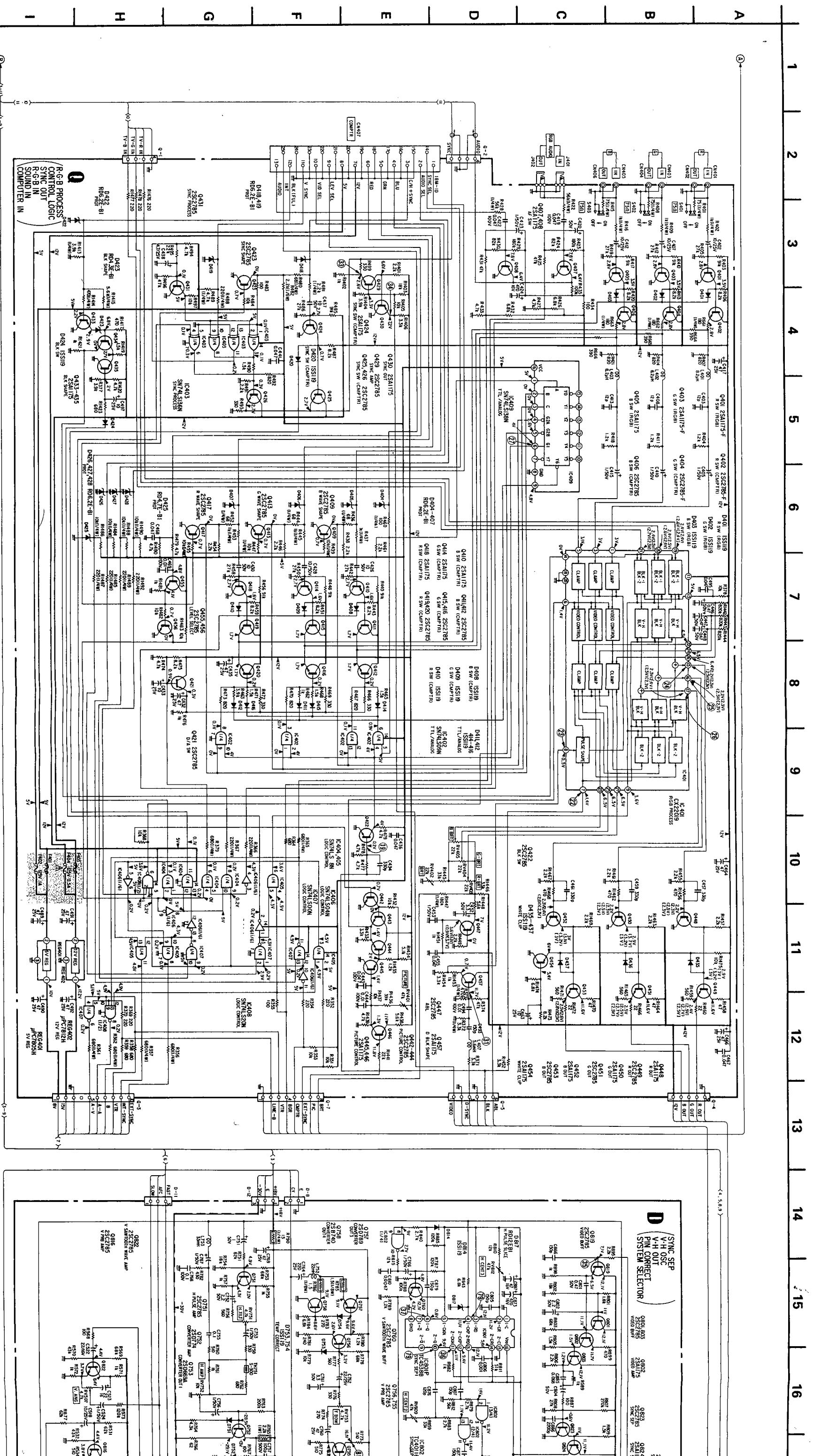
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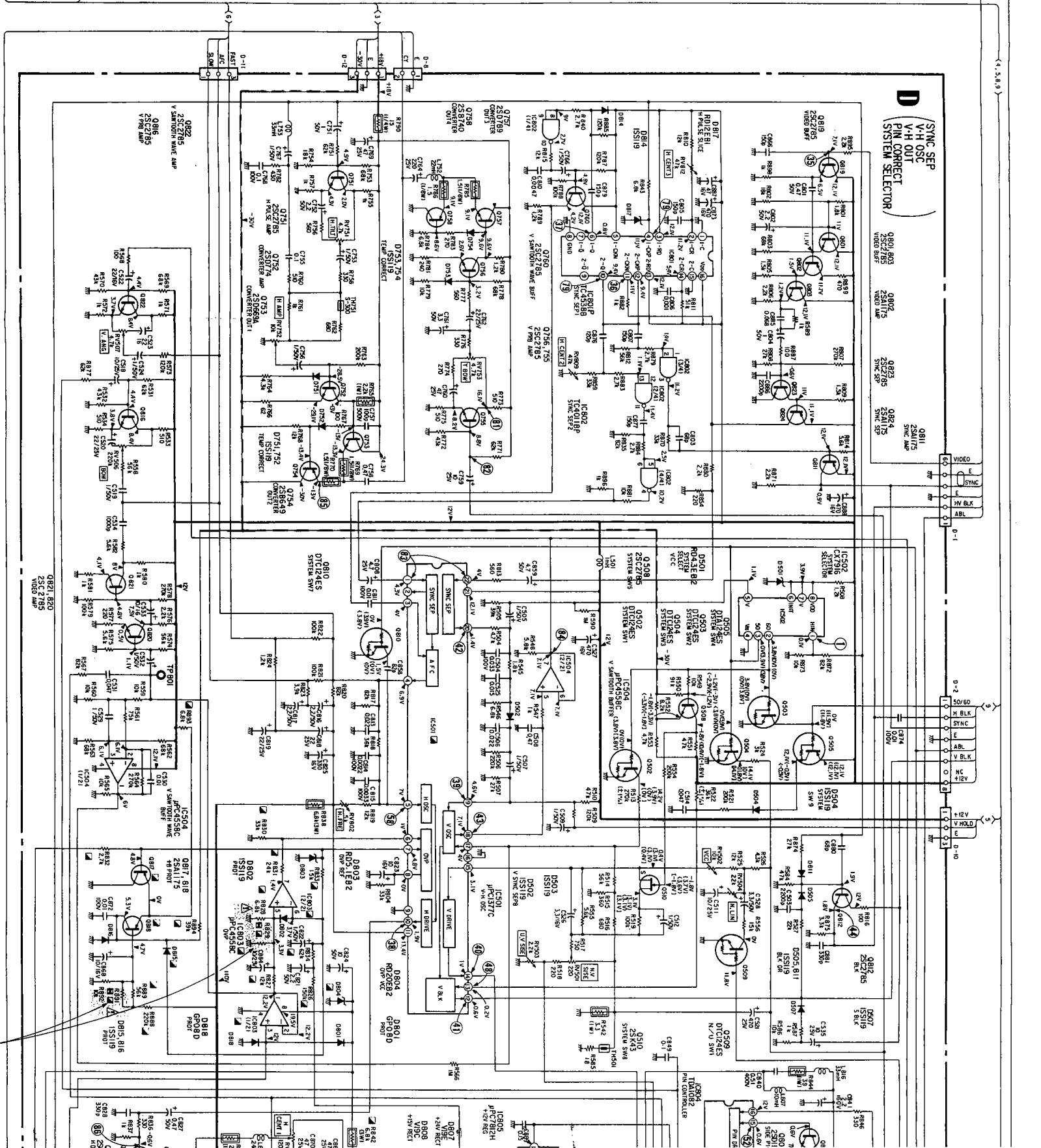
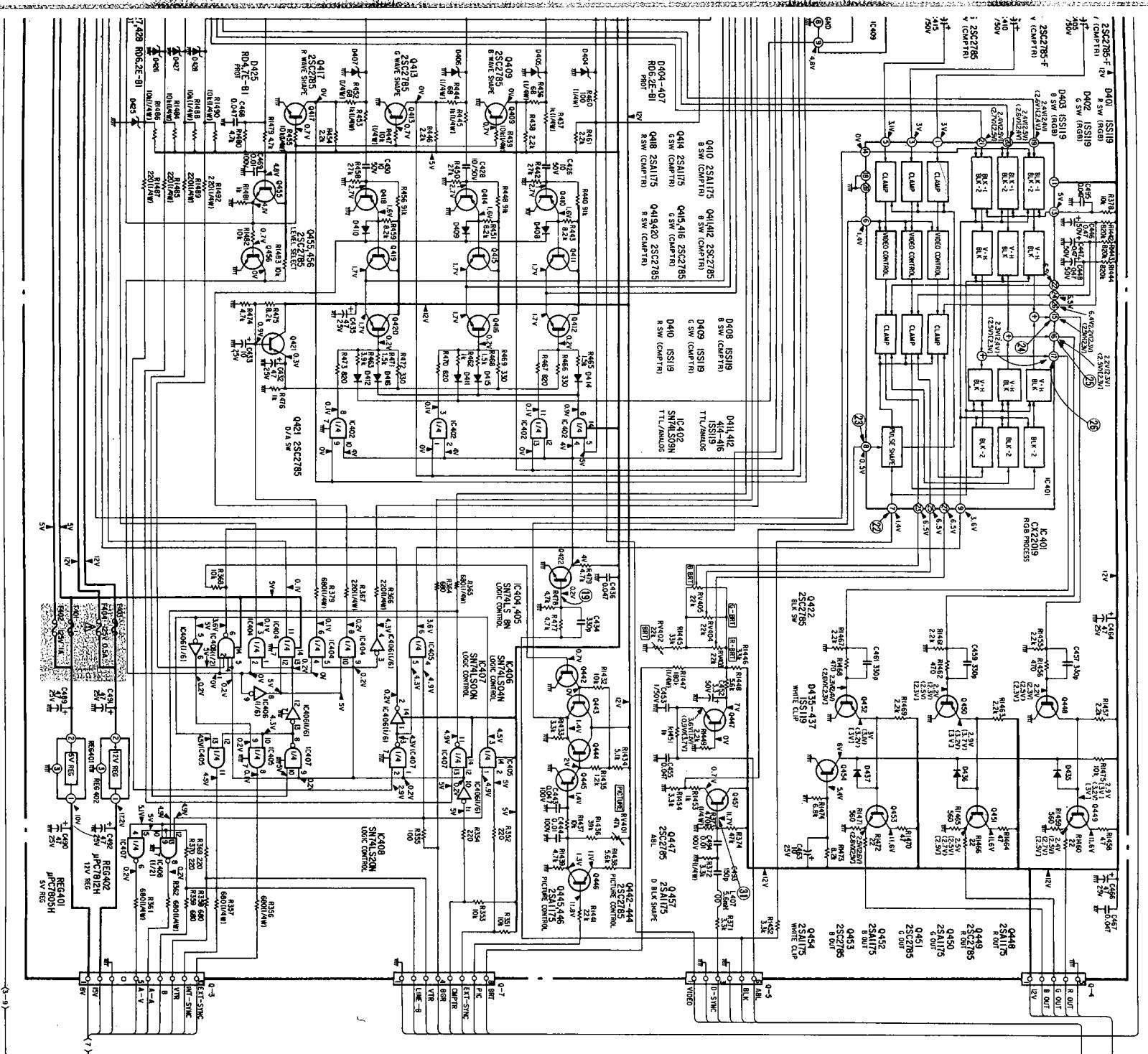
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
R811	1-215-462-00	METAL	51K 1% 1/6W	R865	1-247-721-11	CARBON	4.7K 5% 1/4W		
R812	1-249-438-11	CARBON	56K 5% 1/4W	R866	1-247-614-00	CARBON	3.3K 5% 1/8W		
R813	1-249-414-11	CARBON	560 5% 1/4W	R867 Δ	1-213-143-61	METAL OXIDE	1K 5% 1W F		
R814	1-249-426-11	CARBON	5.6K 5% 1/4W	R868	1-213-147-00	METAL OXIDE	2.2K 5% 1W F		
R815	1-249-430-11	CARBON	12K 5% 1/4W	R869	1-213-127-00	METAL OXIDE	47 5% 1W F		
R816	1-249-405-11	CARBON	100 5% 1/4W	R870	1-249-435-11	CARBON	33K 5% 1/4W		
R817	1-249-440-11	CARBON	82K 5% 1/4W	R871	1-249-421-11	CARBON	2.2K 5% 1/4W		
R818	1-215-458-00	CARBON	36K 5% 1/4W	R872	1-249-440-11	CARBON	82K 5% 1/4W		
R819	1-249-430-11	CARBON	12K 5% 1/4W	R873	1-249-429-11	CARBON	10K 5% 1/4W		
R820	1-249-440-11	CARBON	82K 5% 1/4W	R874	1-249-434-11	CARBON	27K 5% 1/4W		
R821	1-249-441-11	CARBON	100K 5% 1/4W	R875	1-249-423-11	CARBON	3.3K 5% 1/4W		
R822	1-249-441-11	CARBON	100K 5% 1/4W	R876	1-212-364-00	METAL OXIDE	2.2 5% 1W F		
R823	1-249-424-11	CARBON	3.9K 5% 1/4W	R877	1-215-464-00	CARBON	62K 5% 1/4W		
R824	1-249-418-11	CARBON	1.2K 5% 1/4W	R878	1-215-484-00	CARBON	430K 5% 1/4W		
R825	1-249-429-11	CARBON	10K 5% 1/4W	R879	1-249-422-11	CARBON	2.7K 5% 1/4W		
R826	1-215-473-00	METAL	150K 1% 1/6W	R880	1-249-421-11	CARBON	2.2K 5% 1/4W		
R827	1-215-447-00	METAL	12K 1% 1/6W	R881	1-249-429-11	CARBON	10K 5% 1/4W		
R828	1-215-441-00	METAL	6.8K 1% 1/6W	R882	1-249-417-11	CARBON	1K 5% 1/4W		
R829 Δ	1-249-435-11	CARBON	33K 5% 1/4W	R883	1-249-422-11	CARBON	2.7K 5% 1/4W		
R830	1-249-435-11	CARBON	33K 5% 1/4W	R884	1-249-422-11	CARBON	2.7K 5% 1/4W		
R831	1-215-454-00	CARBON	24K 5% 1/4W	R885	1-247-881-00	CARBON	120K 5% 1/4W		
R832	1-249-422-11	CARBON	2.7K 5% 1/4W	R886	1-249-424-11	CARBON	3.9K 5% 1/8W		
R833	1-215-449-00	METAL	15K 1% 1/6W	R887	1-249-405-11	CARBON	100 5% 1/4W		
R834	1-215-464-00	METAL	62K 1% 1/6W	R888	1-215-477-00	METAL	220K 1% 1/6W		
R835	1-215-467-00	METAL	82K 1% 1/6W	R889	1-215-463-00	METAL	56K 1% 1/6W		
R836	1-249-411-11	CARBON	330 5% 1/4W	R890 Δ	1-212-360-61	METAL OXIDE	1 5% 1W F		
R837	1-249-417-11	CARBON	1K 5% 1/4W	R891 Δ	1-212-360-61	METAL	1 5% 1W F		
R838	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	R892	1-215-445-00	METAL	10K 1% 1/6W		
R839 Δ	1-247-662-11	CARBON	560 5% 1/4W F	R893	1-249-427-11	CARBON	6.8K 5% 1/4W		
R840	1-249-422-11	CARBON	2.7K 5% 1/4W	R894	1-249-436-11	CARBON	39K 5% 1/4W		
R841	1-212-361-00	METAL OXIDE	1.2 5% 1W F	R895	1-249-421-11	CARBON	2.2K 5% 1/4W		
R842 Δ	1-206-745-61	METAL OXIDE	6.8K 5% 3W F	R896	1-249-417-11	CARBON	1K 5% 1/4W		
R843	1-249-427-11	CARBON	6.8K 5% 1/4W	R897	1-215-436-00	CARBON	4.3K 5% 1/4W		
R844	1-213-126-00	METAL OXIDE	39 5% 1W F	R898	1-249-417-11	CARBON	1K 5% 1/4W		
R845	1-215-465-00	METAL	68K 1% 1/6W	R899	1-249-413-11	CARBON	470 5% 1/4W		
R846	1-249-411-11	CARBON	330 5% 1/4W	<u>VARIABLE RESISTOR</u>					
R847	1-249-429-11	CARBON	10K 5% 1/4W	RV501	1-228-577-00	RES, ADJ, CARBON	220		
R848	1-215-436-00	CARBON	4.3K 5% 1/4W	RV502	1-228-724-00	RES, ADJ, CARBON	10K		
R849	1-249-432-11	CARBON	18K 5% 1/4W	RV503	1-226-848-00	RES, ADJ, CARBON	2.2K		
R850	1-215-434-00	CARBON	3.6K 5% 1/4W	RV504	1-226-852-00	RES, ADJ, CARBON	22K		
R851	1-249-432-11	CARBON	18K 5% 1/4W	RV505	1-224-249-XX	RES, ADJ, METAL GLAZE	1K		
R852	1-249-433-11	CARBON	22K 5% 1/4W	RV506	1-226-855-00	RES, ADJ, CARBON	220K		
R853	1-249-424-11	CARBON	3.9K 5% 1/4W	RV507	1-226-850-00	RES, ADJ, CARBON	4.7K		
R855	1-249-411-11	CARBON	330 5% 1/4W	RV751	1-226-850-00	RES, ADJ, CARBON	4.7K		
R856	1-249-428-11	CARBON	8.2K 5% 1/4W	RV752	1-228-724-00	RES, ADJ, CARBON	10K		
R857	1-249-441-11	CARBON	100K 5% 1/4W	RV753	1-226-850-00	RES, ADJ, CARBON	4.7K		
R858	1-215-480-00	CARBON	300K 5% 1/4W	RV802	1-228-160-11	RES, ADJ, METAL GLAZE	5K		
R859	1-249-435-11	CARBON	33K 5% 1/4W	RV803	1-226-849-00	RES, ADJ, CARBON	3.3K		
R860	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV804	1-226-847-00	RES, ADJ, CARBON	1K		
R861	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV805	1-226-845-00	RES, ADJ, CARBON	330		
R862	1-244-923-00	CARBON	120K 5% 1/2W	RV806	1-226-849-00	RES, ADJ, CARBON	3.3K		
R863	1-244-923-00	CARBON	120K 5% 1/2W	RV807	1-226-848-00	RES, ADJ, CARBON	2.2K		
R864	1-246-488-00	CARBON	4.3K 5% 1/4W						

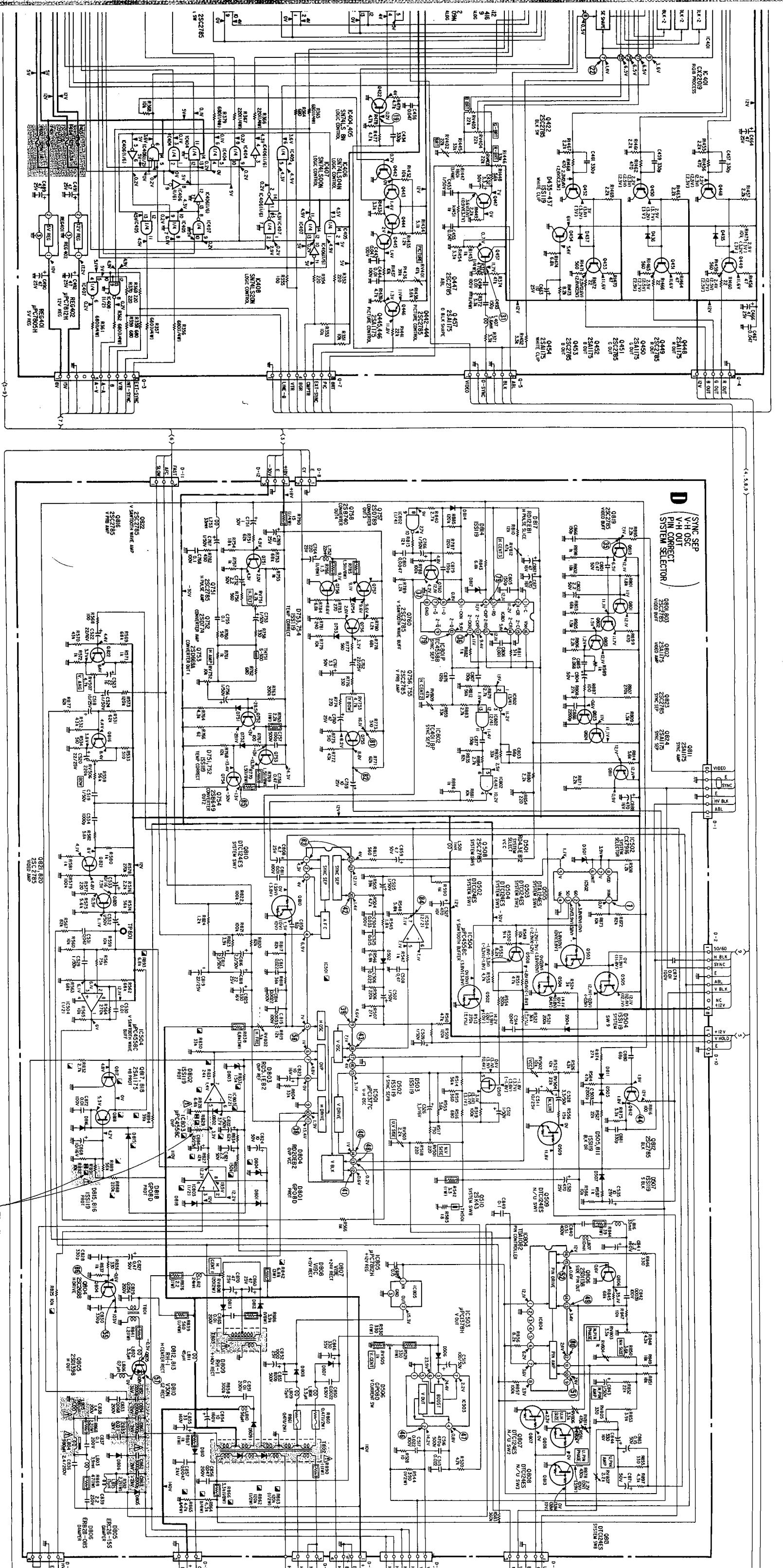
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

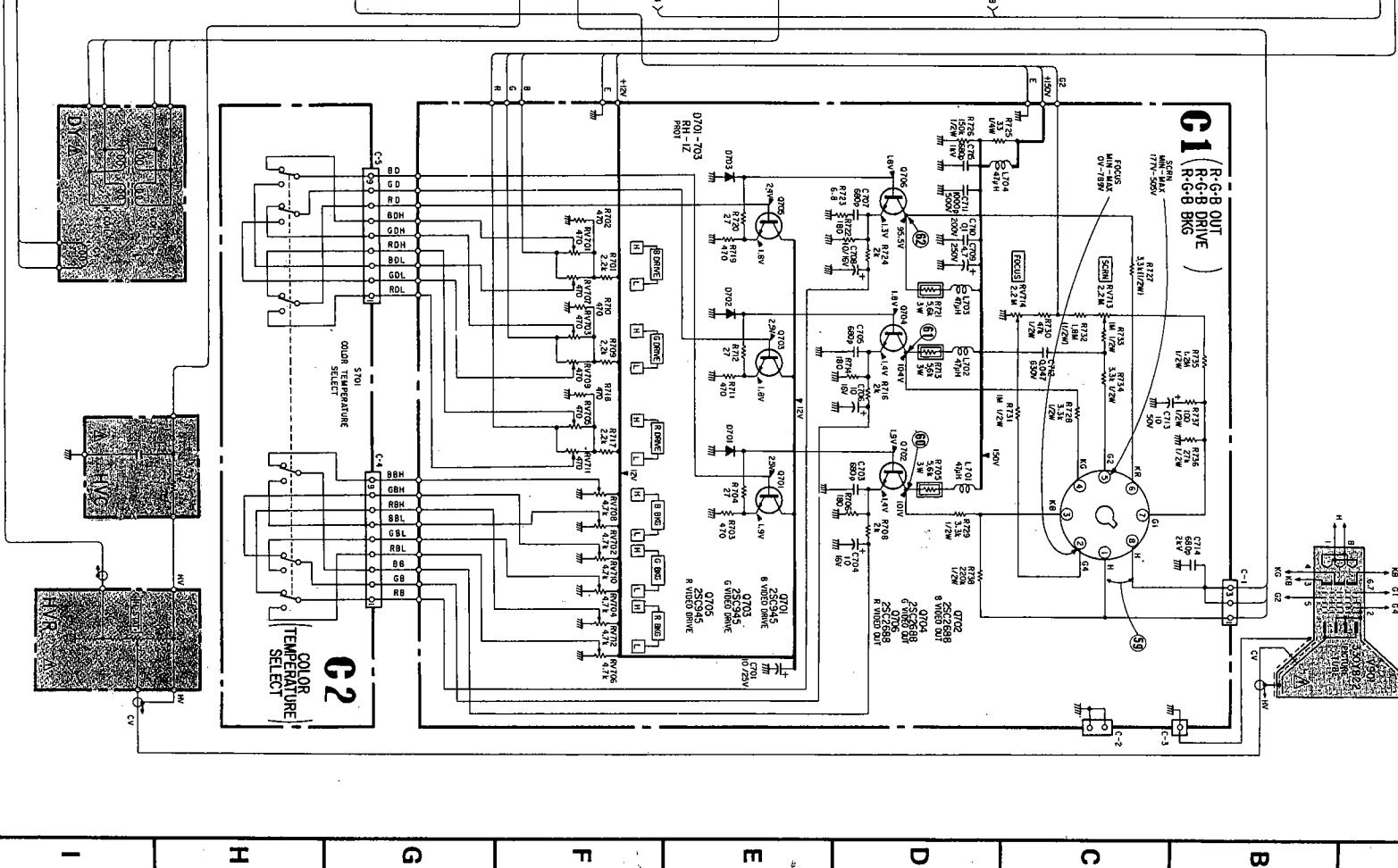
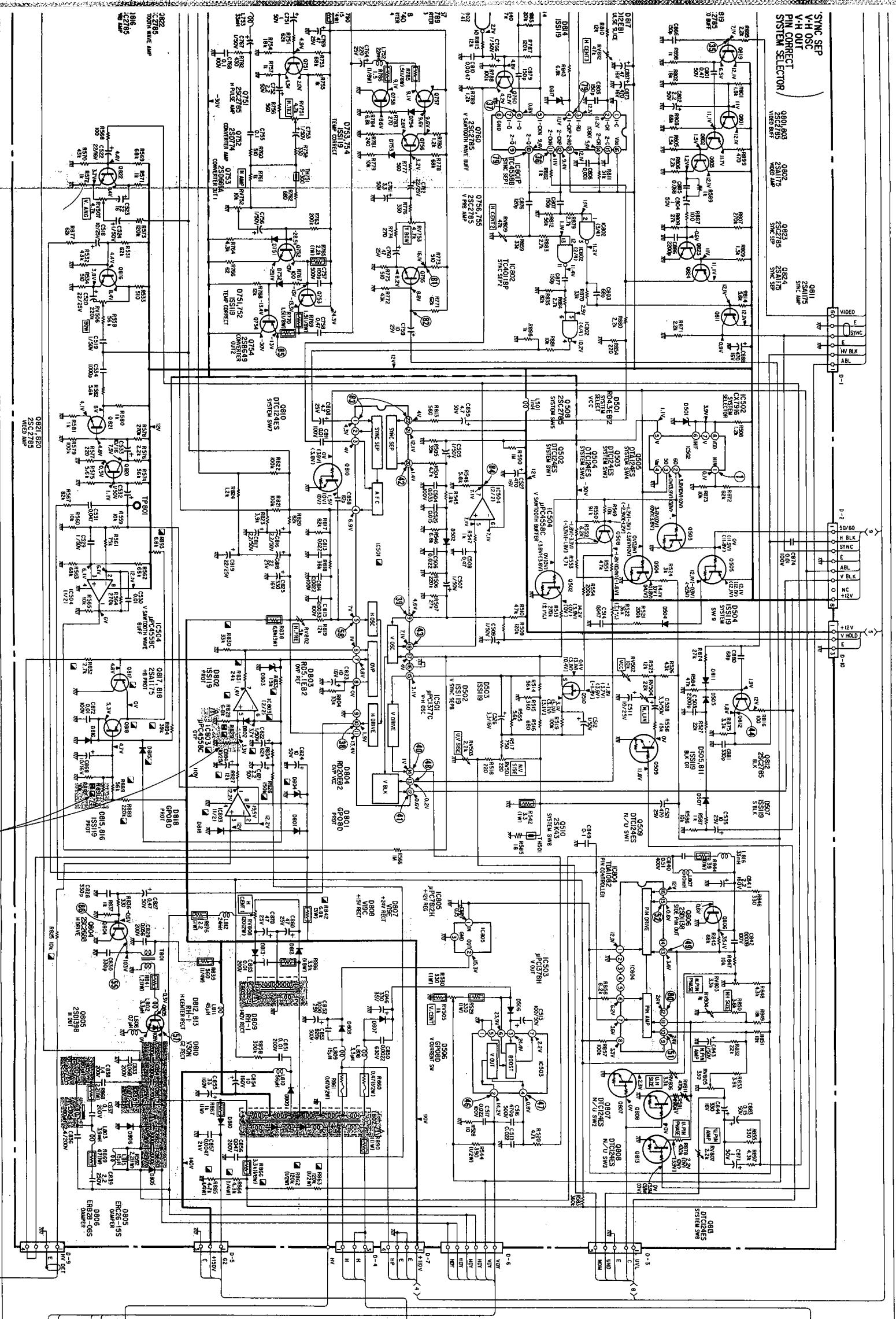
- The components identified by \blacksquare in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.





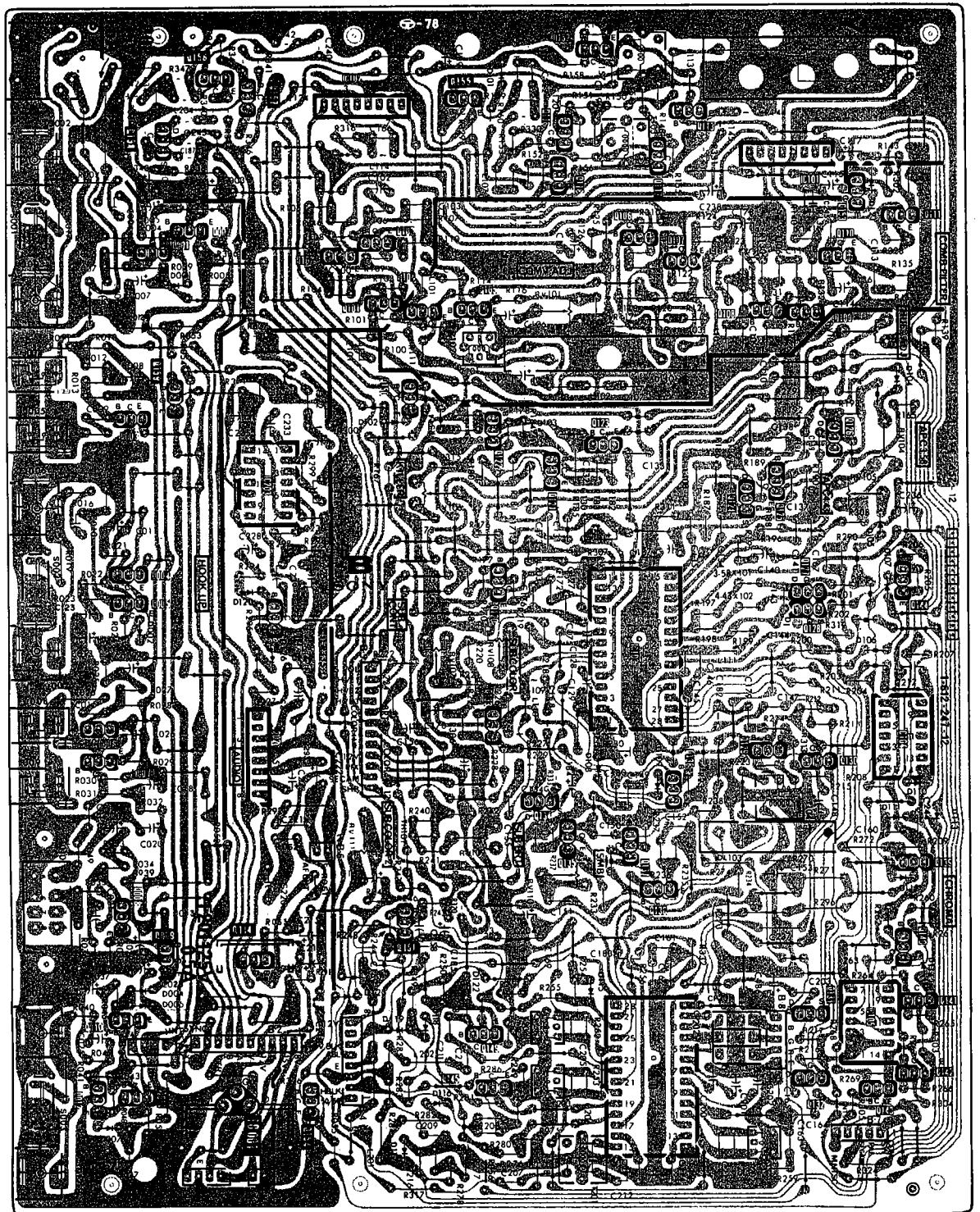


☒ : See page 20

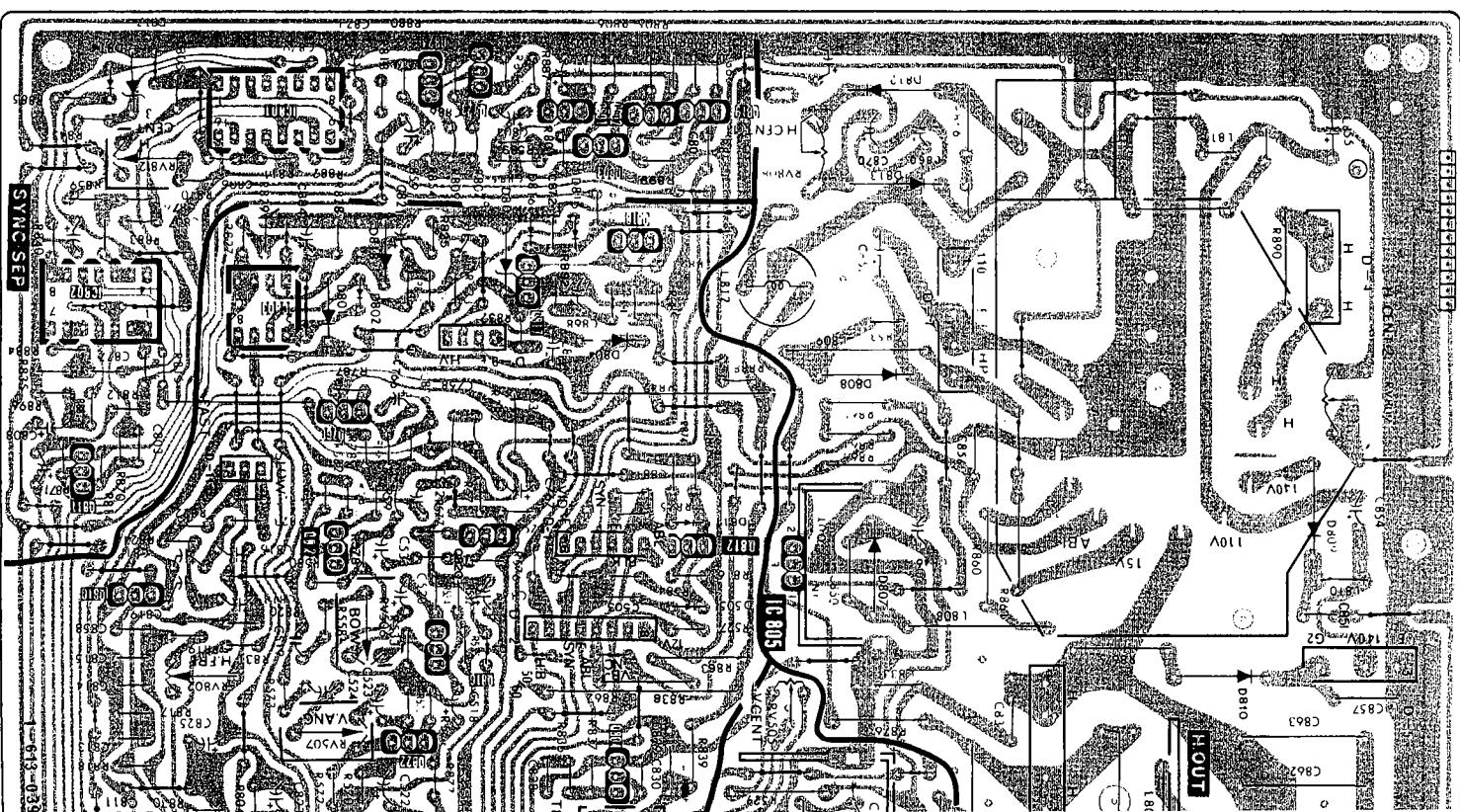
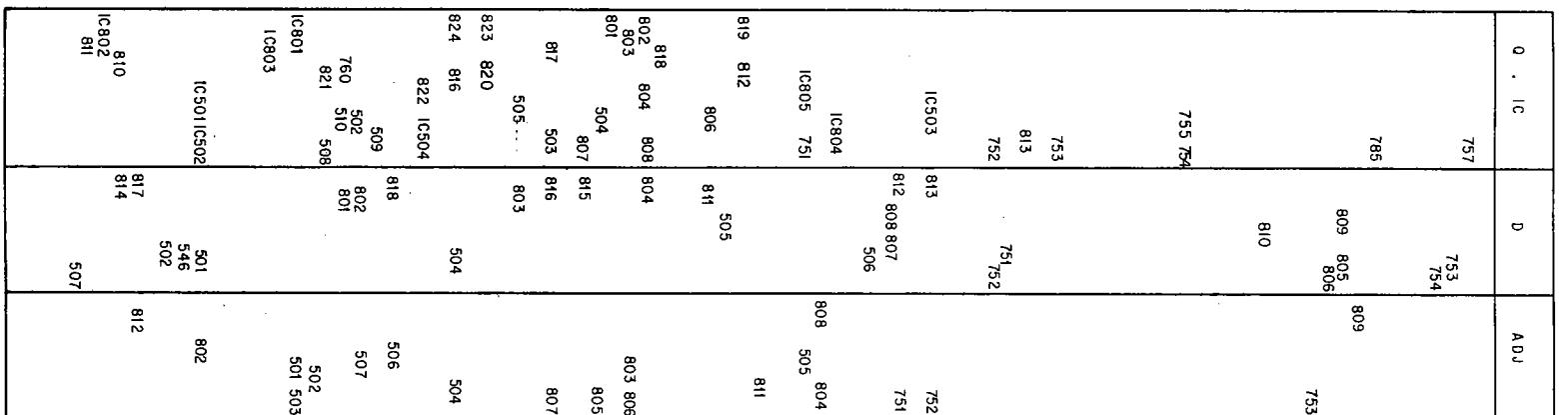


4-5. PRINTED WIRING BOARDS

— B Board —



— D board —

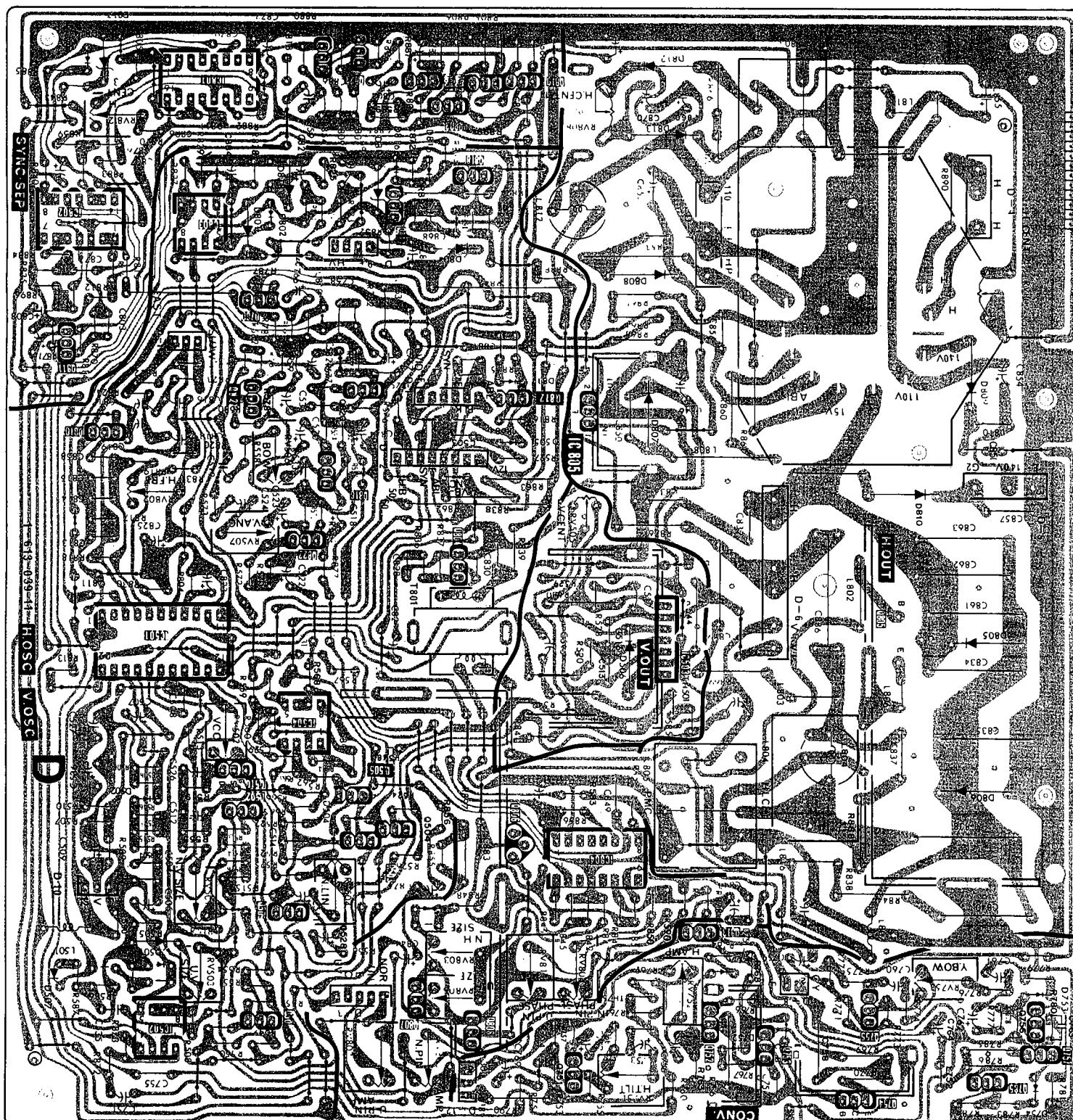
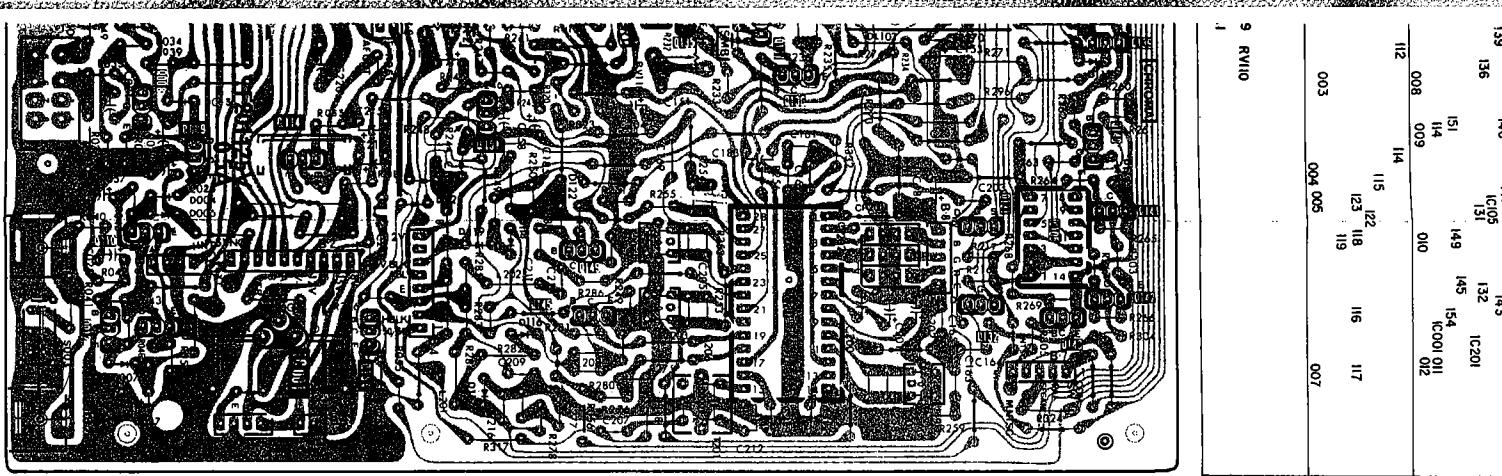


— D board —

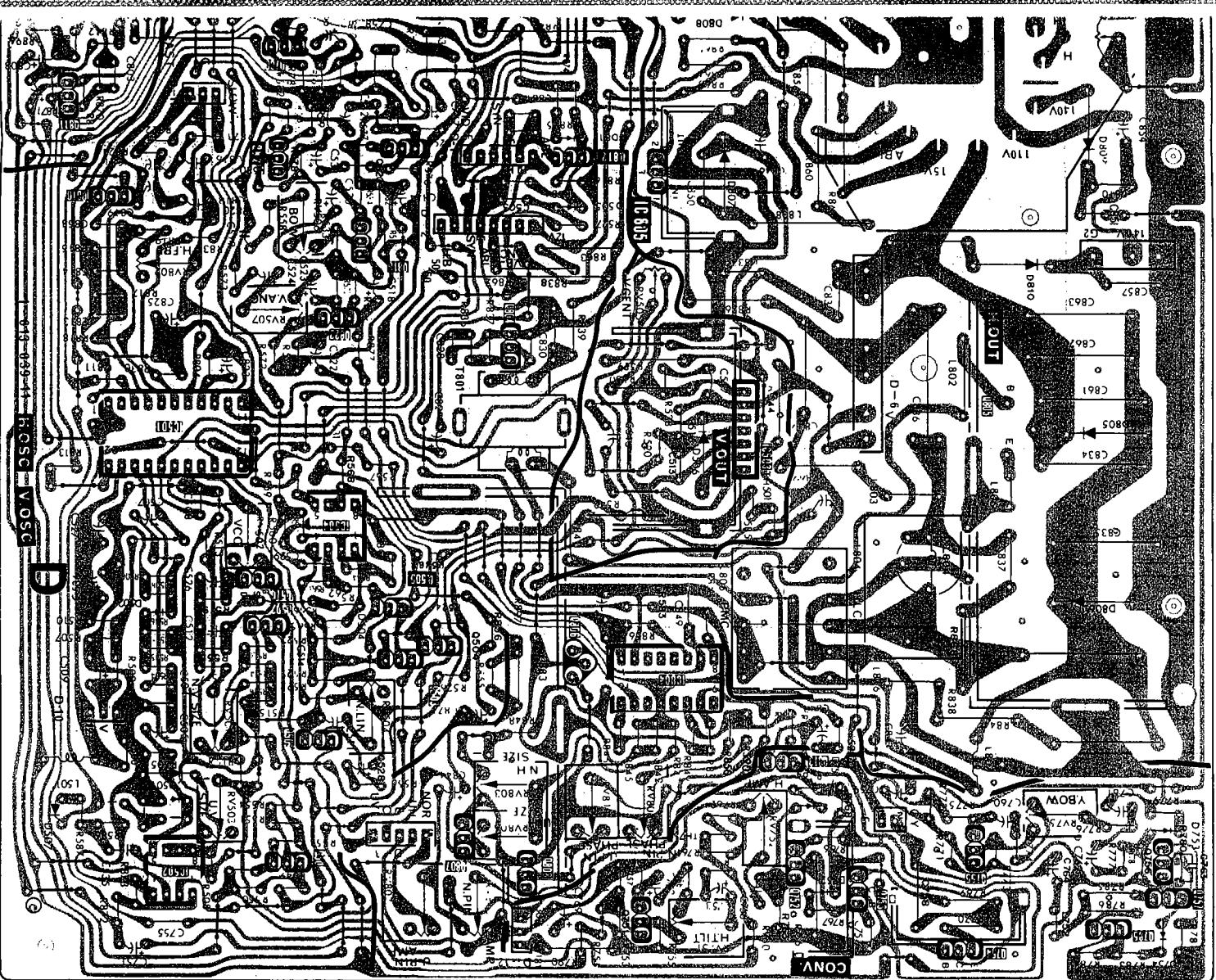
D SYNC SEP, V-H OSC, V-H OUT
PIN CORRECT, SYSTEM SELECTOR

— Q Board

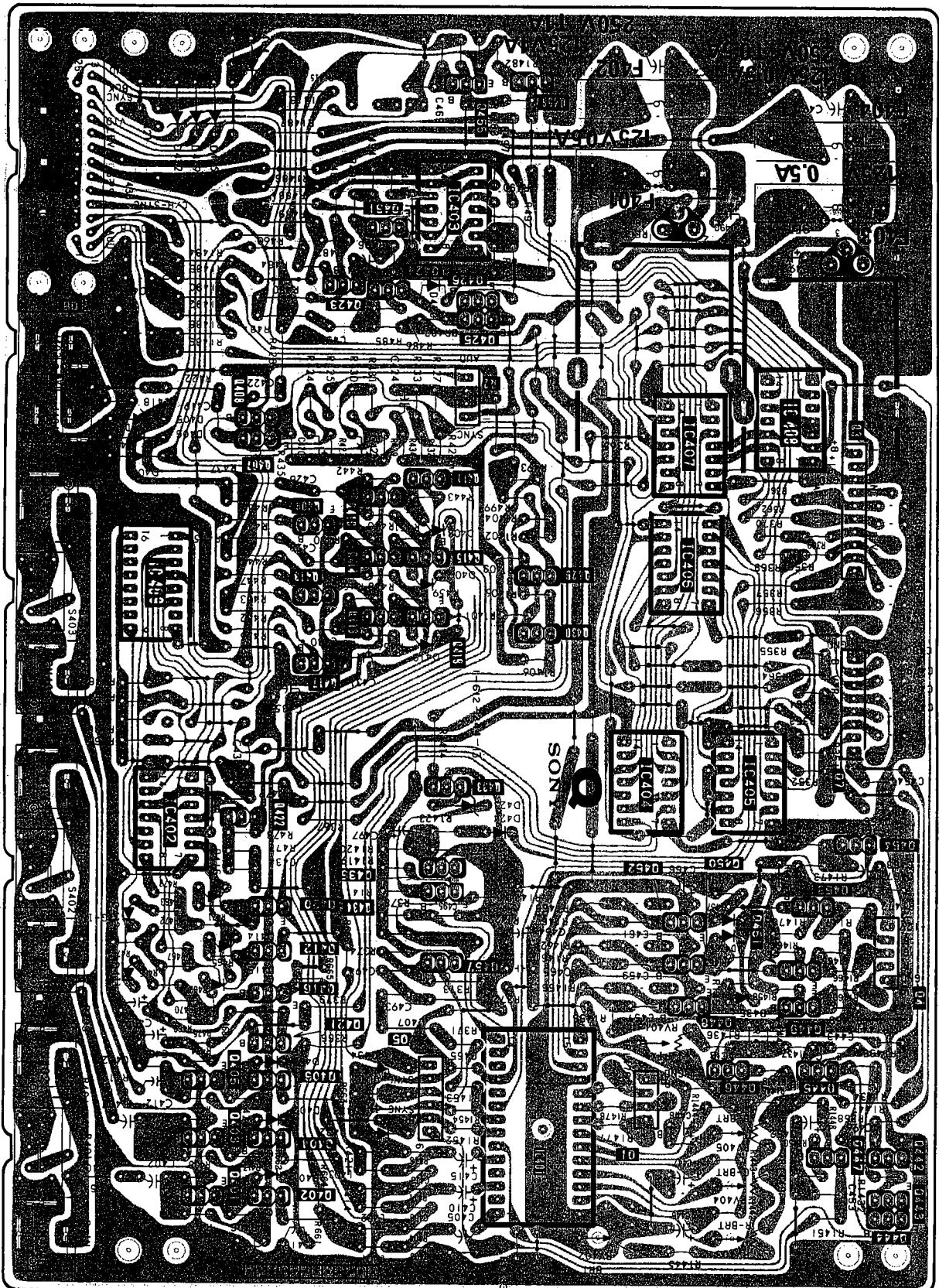
Q [R. G. B PROCESS, LOGIC CON
SYNC OUT, R. G. B IN, AF IN



0	456	REG6
-	455	
IC		
D	404	IC403
ADJ	425 419 422	431
	4	



— Q Board —



		REG6401	REG6402	IC408	IC407	IC406	IC405	454	453	451	449	445	442	447	443,444	0	
Q		456														-	
	1	455														IC	
IC			IC403	426,425		IC406	IC405	454	453	451	449	445	442	447	443,444		
			431		424	429	IC404	452	450	448	446	445	442	447	443,444		
				423		430	IC404	457									
					408,407	411	429	415	419	417							
						410	409	414	413	418							
							IC409										
								432									
									420								
										412							
										416							
											415						
											403						
												402					
D	404	425														D	
		419															
		422															
			418	420													
					405,406,407												
						408											
							423										
								424									
									435,436								
										435							
											401						
												402					
ADJ													RV401	RV405	RV404	RV403,402	ADJ

Q [R. G. B PROCESS, LOGIC CONTROL
SYNC OUT, R. G. B IN, AF IN, COMPTR IN]

PVM-12710 PVM-12710

[CUSTOMER CONTROL,
INPUT SIGNAL INDICATOR]

H

1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____

A

B

6

D

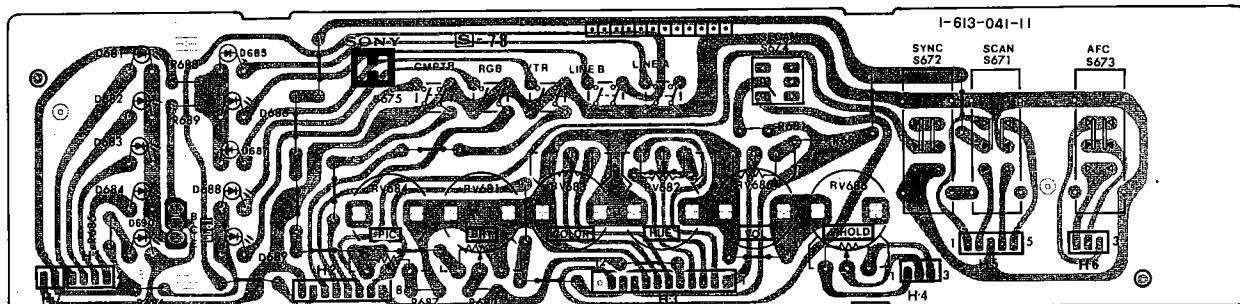
E

F

G

4

1



C1 [R.G.B. OUT, R.G.B. DRIVE, R.G.B. BKG]

1 2 3 4 5 6 7

A

B

C

D

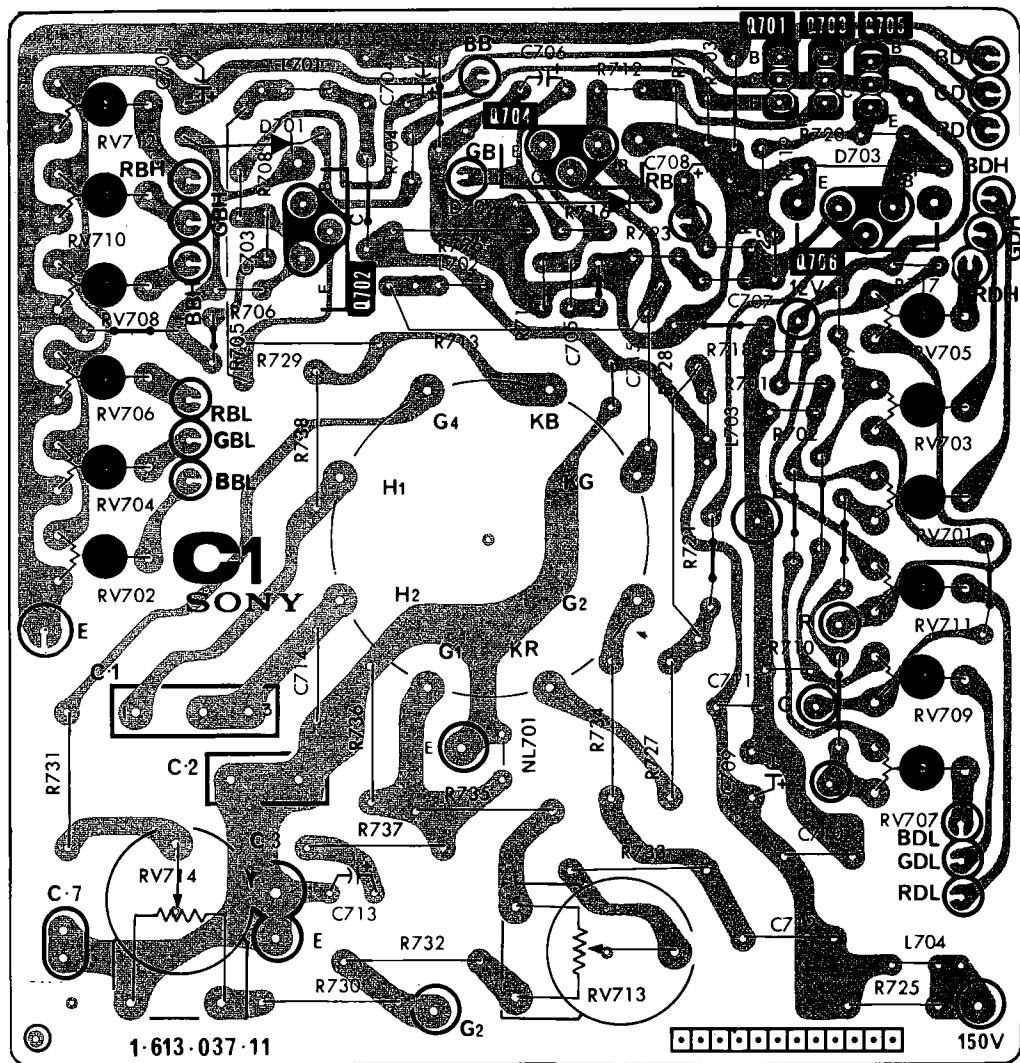
F

F

G

H

1



C2

[COLOR TEMPERATURE SELECT]

1

2

3

4

5

6

7

— C2 Board —

A

B

C

D

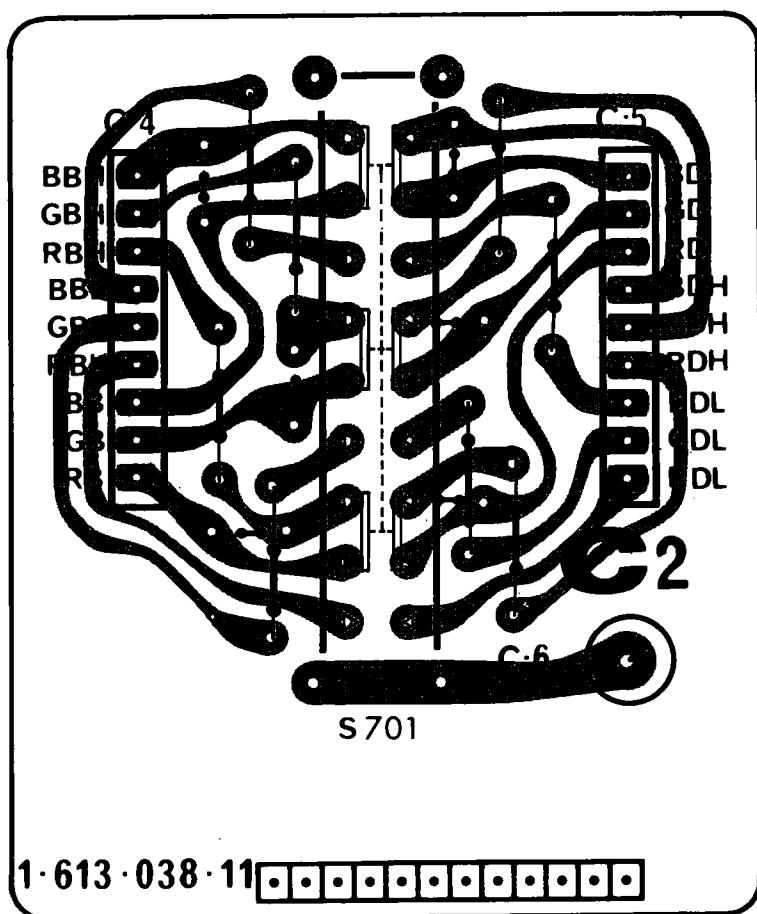
E

F

G

H

I



F

[POWER SUPPLY]

F2

[KICK]

1

2

3

4

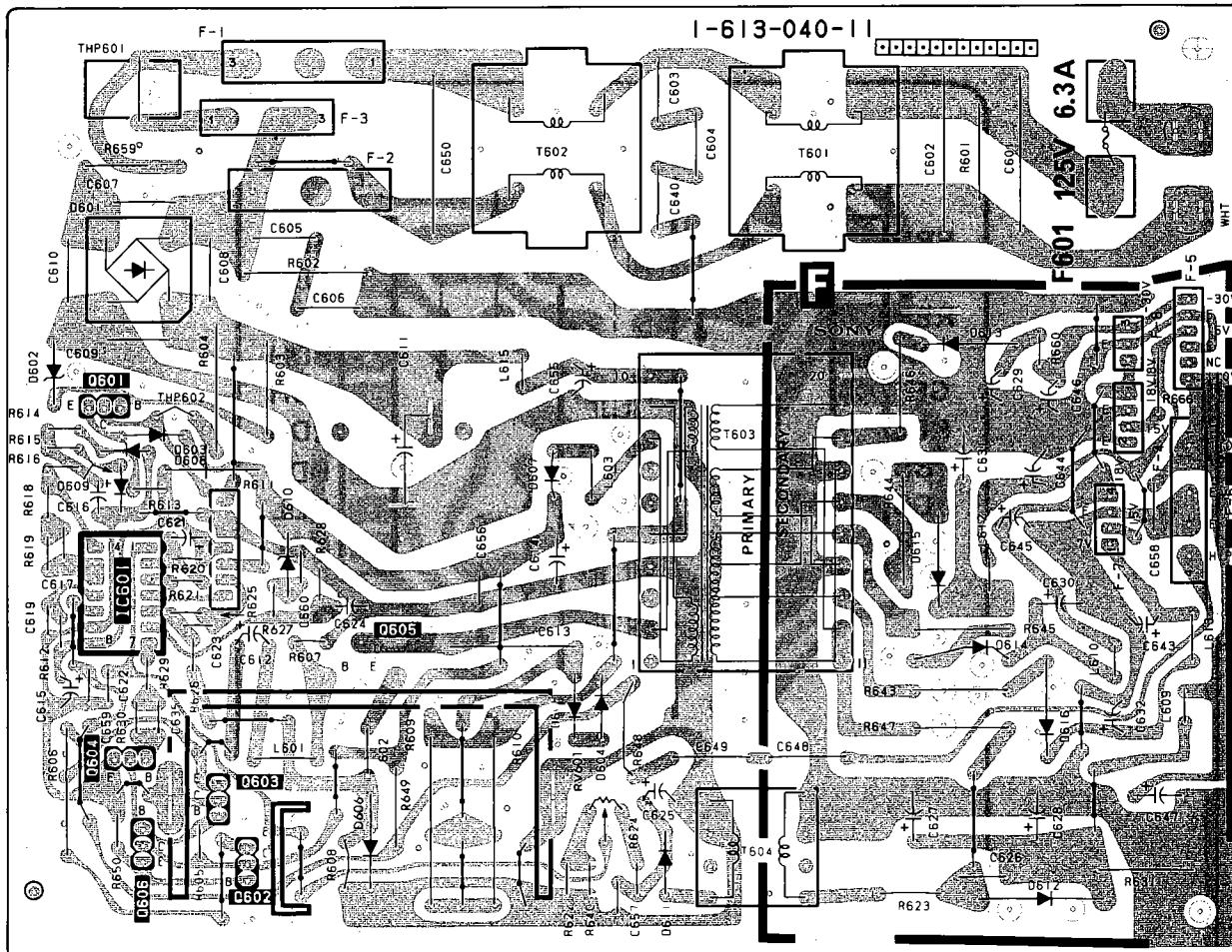
5

6

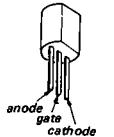
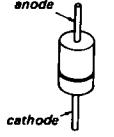
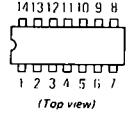
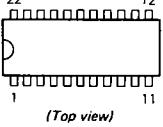
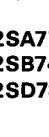
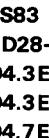
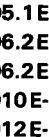
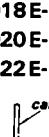
7

— F Board —

A



4-6. SEMICONDUCTORS

CX095E	μPC1241H	2SA1175 2SC2785	2SD1398 2SD1402	ERA81-004 ERB12-02RK GP08D	N13T1
SN74LS00N					
SN74LS04N					
SN74LS08N					
SN74LS09N					
SN74LS136N					
SN74LS20N					
TC4011BP					
TC4023BP		2SA733		ERC24-06S	
TC4024BP		2SA1015		RH-1	
μPC1394C	μPC1377C	2SC1815		RH-1A	
μPD4024BC		2SC945		RH-1Z	
			2SK105A	SIB01-02	RGP15J
					
CX20061	μPC1378H-L	2SA773 2SB740	2SD789	2SK43	ERC26-15S
					
CX22019		2SB649			S3WB60Z
μPC1364C2		2SC2688			
μPC1365C		2SD669			
					
CX7916		1SS119		ERC81-004	SG232D
NJM4558D	2SA1026	1SS133			
μPC4558C		1SS148			
					
HD14538BP	2SA1048	1SS82		ERD29-08J	SY432D
SN74LS138N	2SA1115	1SS83			
TC4538BP	2SC2458	ERD28-08S			
TDA1082	2SC2603	RD4.3E-B1			
	DTA124ES	RD4.3E-B2			
		RD4.7E-B1			
		RD5.1E-B2			
		RD6.2E-B1			
		RD6.2E-N2			
		RD10E-N2			
		RD12E-B1			
		RD18E-B2			
		RD20E-B2			
		RD22E-B3			
					
					
					
					
					
		<img alt="Marking side view of 1SS82/1SS83 diode" data-bbox="565 8865 595			

SECTION 5

EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

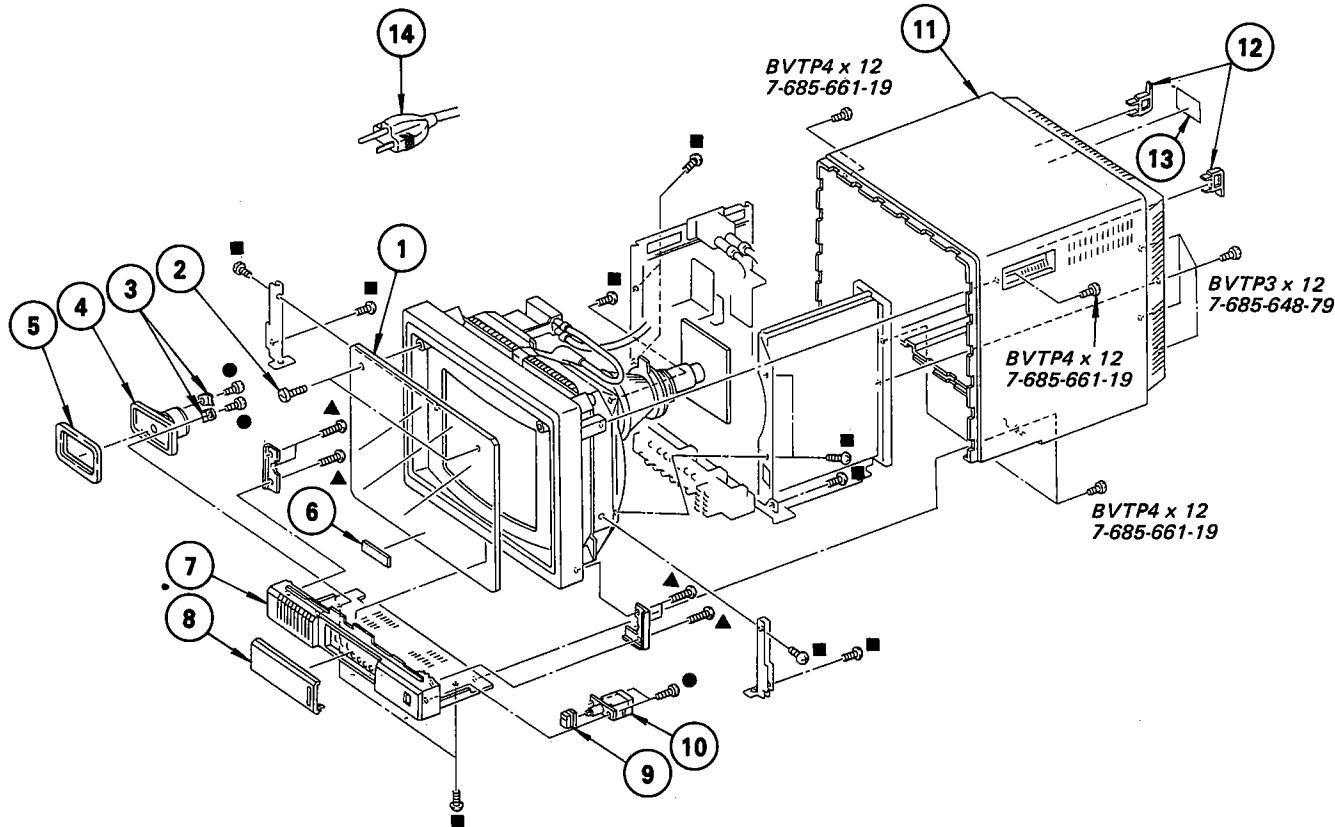
Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

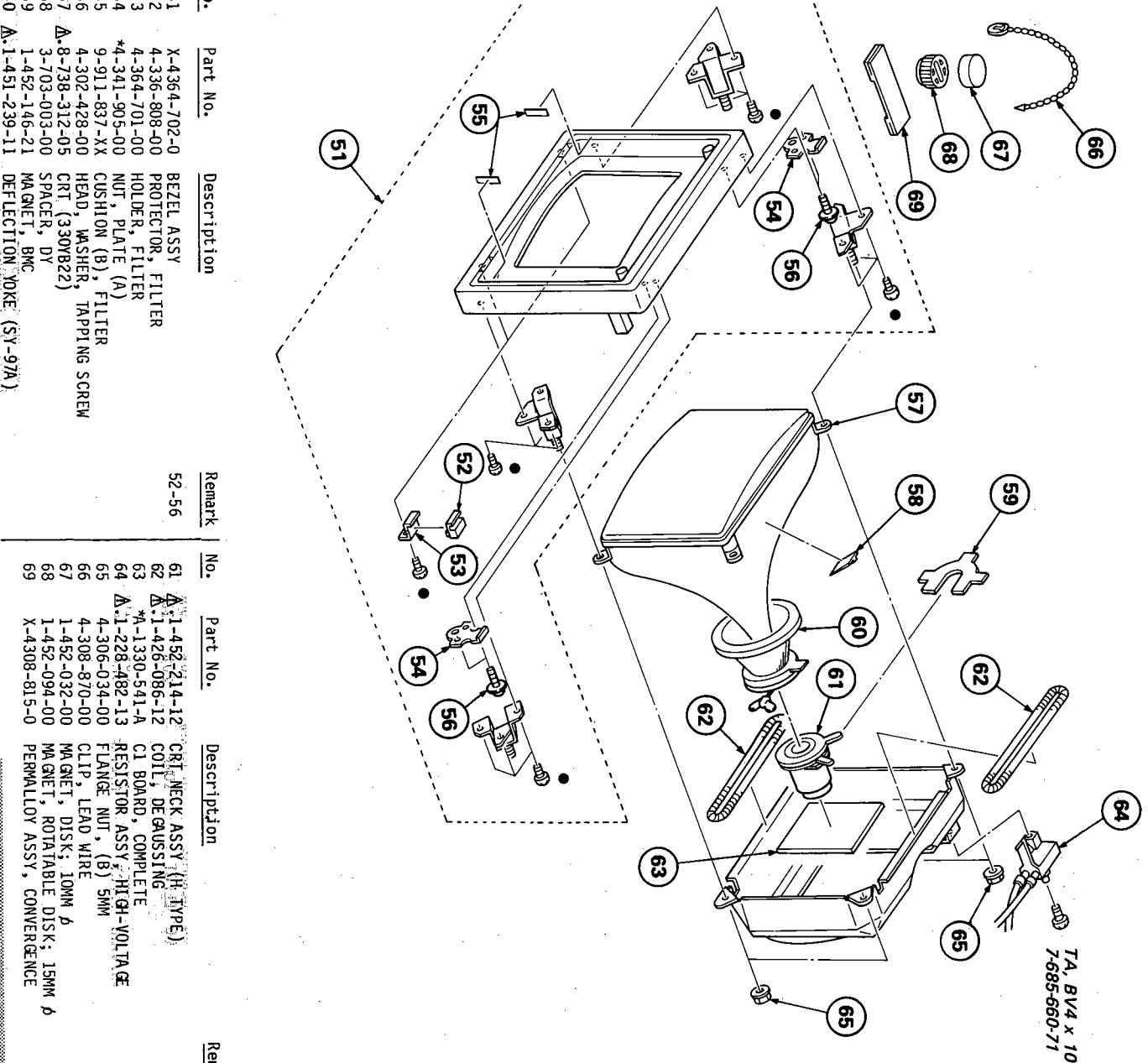
- : TA, BV3 x 8 7-685-646-71
- : TA, BV3 x 12 7-685-648-71
- ▲: TA, BV4 x 12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	4-364-717-00	FILTER		8	X-4364-704-2	DOOR ASSY	
2	4-336-851-51	SCREW, ORNAMENTAL		9	4-364-710-00	BUTTON, POWER	
3	*4-321-611-00	CLAW, RETAINING, SPEAKER		10	▲.1-553-584-12	SWITCH, PUSH (POWER)	
4	1-503-109-00	SPEAKER		11	X-4365-404-1	CABINET ASSY	
5	*4-364-741-00	CUSHION, SPEAKER		12	▲.4-316-003-01	HOLDER, CORD	12
6	*X-3701-079-0	EMBLEM (SMALL) ASSY, SONY		13	*4-365-412-01	LABEL, MODEL NUMBER (U/C)	
7	X-4365-403-1	PANEL ASSY, CONTROL		14	▲.1-534-517-31	CORD, AC	
			8				

PVM-1271Q PVM-1271Q

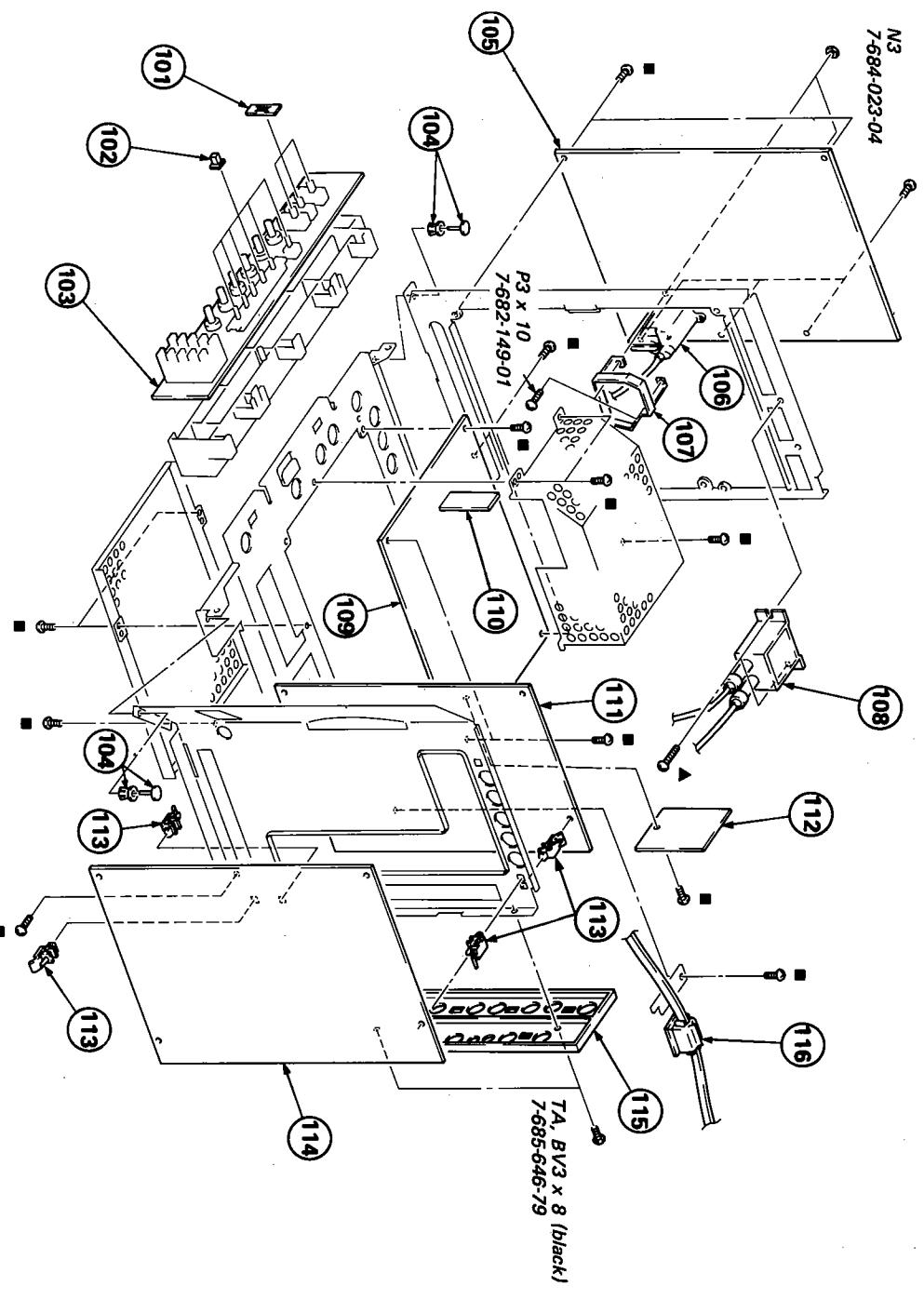
5-2. BEZEL
●: TA, BV3 x 12 7-685-648-71



The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS
■: TA, BV3 x 8 7-685-646-71
▲: TA, BV4 x 12 7-685-661-14



The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 6

PVM-1271Q . PVM-1271Q

ELECTRICAL PARTS LIST

B

B

Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

• MF : μ F, PF : μ PF • All resistors are in ohms • MMH : mH, UH : μ H

RESISTORS • COILS • F : nonflammable

• CAPACITORS • CAPACITOR

• DIODE

• FUSE

• DELAY LINE

• IC

• FUSE

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C173	1-108-603-00	MYLAR CERAMIC	0.1MF 150PF 5%	C244	1-101-004-00	CERAMIC	0.01MF 50V
C175	1-101-361-00	CERAMIC	5% 50V	C245	1-101-004-00	CERAMIC	0.01MF 50V
C176	1-102-951-00	CERAMIC	5% 50V	C246	1-101-004-00	CERAMIC	0.01MF 50V
C177	1-102-963-00	CERAMIC	5% 50V	C247	1-101-006-00	CERAMIC	0.04MF 50V
C178	1-123-356-00	ELECT	10MF 20% 25V	C248	1-101-006-00	CERAMIC	0.047MF 50V
C179	1-101-004-00	CERAMIC	0.01MF 20% 50V	C250	1-123-330-00	ELECT	22MF 20% 25V
C180	1-123-324-00	ELECT	1000MF 20% 50V				
C183	1-123-379-00	ELECT	0.47MF 20% 50V				
C184	1-123-379-00	ELECT	1000MF 20% 16V	D001	8-719-911-19	DIODE	ISS119
C185	1-123-324-00	ELECT	1000MF 20% 16V	D002	8-719-911-19	DIODE	ISS119
C113	1-102-978-00	CERAMIC	220PF 5% 50V	D003	8-719-911-19	DIODE	ISS119
C114	1-123-332-00	ELECT	47MF 20% 25V	D004	8-719-911-19	DIODE	ISS119
C115	1-123-356-00	ELECT	10MF 20% 25V	D005	8-719-911-19	DIODE	ISS119
C117	1-123-356-00	ELECT	10MF 20% 25V				
C119	1-102-944-00	CERAMIC	7PF 0.5PF 50V				
C120	1-102-944-00	CERAMIC	7PF 0.5PF 50V	D007	8-719-911-19	DIODE	ISS119
C121	1-102-944-00	CERAMIC	7PF 0.5PF 50V	D101	8-719-911-19	DIODE	ISS119
C122	1-102-944-00	CERAMIC	7PF 0.5PF 50V	D103	8-719-981-01	DIODE	ERA81-004
C123	1-123-380-00	ELECT	10MF 20% 25V	D104	8-719-911-19	DIODE	ISS119
C124	1-123-356-00	ELECT	10MF 20% 25V	D105	8-719-911-19	DIODE	ISS119
C127	1-101-004-00	CERAMIC	0.01MF 20% 50V	D106	8-719-911-19	DIODE	ISS119
C128	1-123-380-00	ELECT	10MF 20% 50V	D107	8-719-911-19	DIODE	ISS119
C129	1-123-356-00	ELECT	10MF 20% 50V	D108	8-719-911-19	DIODE	ISS119
C130	1-102-978-00	CERAMIC	0.1MF 10% 100V	D109	8-719-911-19	DIODE	ISS119
C131	1-106-220-00	MYLAR	0.1MF 10% 100V	C205	1-102-892-00	CERAMIC	220PF 5% 50V
C132	1-106-220-00	MYLAR	0.1MF 10% 100V	C211	1-106-196-00	MYLAR	0.01MF 10% 100V
C133	1-123-332-00	ELECT	47MF 20% 16V	C212	1-123-356-00	ELECT	10MF 20% 25V
C134	1-102-944-00	CERAMIC	0.01MF 20% 50V	C213	1-101-004-00	CERAMIC	0.01MF 20% 50V
C135	1-101-004-00	CERAMIC	0.01MF 20% 50V	C214	1-108-579-00	MYLAR	0.01MF 5% 50V
C136	1-101-180-00	CERAMIC	0.01MF 20% 50V	C215	1-102-892-00	CERAMIC	220PF 5% 50V
C137	1-102-959-00	CERAMIC	22PF 5% 50V	C216	1-102-824-00	CERAMIC	470PF 5% 50V
C138	1-101-004-00	CERAMIC	0.01MF 10% 50V	C217	1-123-356-00	ELECT	10MF 20% 25V
C139	1-108-579-00	MYLAR	0.01MF 5% 50V	C218	1-101-004-00	CERAMIC	0.01MF 20% 50V
C140	1-123-380-00	ELECT	2.2MF 20% 50V	C219	1-123-332-00	ELECT	4.7MF 20% 25V
C141	1-161-025-00	CERAMIC	0.1MF 10% 25V	C220	1-122-350-00	ELECT	2200MF 20% 100V
C142	1-161-025-00	CERAMIC	0.1MF 10% 25V	C221	1-106-220-00	MYLAR	0.1MF 10% 100V
C143	1-101-004-00	CERAMIC	0.01MF 5% 50V	C222	1-123-321-00	ELECT	220MF 20% 16V
C144	1-101-004-00	CERAMIC	0.01MF 5% 50V	C223	1-123-321-00	ELECT	4.7MF 20% 16V
C145	1-102-934-00	CERAMIC	1PF 0.25PF 50V	C224	1-122-369-00	ELECT	4.7MF 20% 25V
C146	1-102-963-00	CERAMIC	33PF 5% 50V	C225	1-123-380-00	ELECT	1MF 20% 50V
C147	1-101-004-00	CERAMIC	0.01MF 10% 25V	C226	1-102-121-00	CERAMIC	0.0022MF 10% 50V
C148	1-123-356-00	ELECT	10MF 20% 50V	C227	1-108-595-00	MYLAR	0.047MF 5% 50V
C149	1-101-004-00	CERAMIC	0.01MF 10% 50V	C228	1-123-332-00	ELECT	47MF 20% 25V
C150	1-101-004-00	CERAMIC	0.01MF 10% 50V	C229	1-123-380-00	ELECT	47MF 20% 50V
C151	1-101-004-00	CERAMIC	0.01MF 10% 50V	C230	1-102-121-00	CERAMIC	0.0022MF 10% 50V
C152	1-101-004-00	CERAMIC	0.01MF 10% 50V	C231	1-123-356-00	ELECT	10MF 20% 50V
C153	1-106-204-00	MYLAR	0.022MF 10% 100V	C232	1-123-356-00	ELECT	0.47MF 20% 16V
C154	1-106-245-00	CERAMIC	9PF 0.5PF 100V	C233	1-123-379-00	ELECT	0.47MF 20% 100V
C155	1-102-946-00	CERAMIC	22MF 20% 100V	C234	1-106-196-00	MYLAR	0.01MF 10% 16V
C156	1-123-330-00	ELECT	1MF 20% 50V	C235	1-123-321-00	ELECT	220MF 20% 16V
C157	1-123-380-00	ELECT	1MF 20% 50V	C236	1-101-004-00	CERAMIC	0.01MF 20% 50V
C158	1-123-382-00	ELECT	3.3MF 20% 50V				
C159	1-124-049-00	ELECT	0.47MF 20% 50V				
C160	1-102-115-00	CERAMIC	560PF 10% 50V				
C161	1-102-971-00	CERAMIC	82PF 5% 50V				
C162	1-101-361-00	CERAMIC	150PF 5% 50V				
C163	1-102-971-00	CERAMIC	82PF 5% 50V				
C164	1-121-257-00	ELECT	4.7MF 20% 50V				
C165	1-101-361-00	CERAMIC	150PF 5% 50V				
C166	1-101-368-00	CERAMIC	68PF 5% 50V				
C167	1-101-006-00	CERAMIC	0.047MF 20% 50V				
C168	1-106-220-00	MYLAR	0.1MF 10% 50V	F201A	1-532-624-11	FUSE, GLASS TUBE 0.5A 125V	
C169	1-123-380-00	ELECT	1MF 20% 50V				
C170	1-123-380-00	CERAMIC	1MF 20% 50V				
C171	1-101-006-00	CERAMIC	0.047MF 20% 50V				
C172	1-101-006-00	CERAMIC	0.047MF 20% 50V				
C173	1-108-603-00</td						

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
IC103	8-759-113-65	IC UPC1365C		Q114	8-729-313-42	TRANSISTOR 2SD1134	
IC104	8-759-240-24	IC TC4024BP		Q116	8-729-204-83	TRANSISTOR 2SA1048GR	
IC105	8-759-240-23	IC TC4023BP		Q117	8-729-245-83	TRANSISTOR 2SC2458	
IC201	8-759-100-15	IC UPC1364C		Q118	8-729-245-83	TRANSISTOR 2SC2458	
IC202	8-759-101-77	IC UPC1241H		Q120	8-729-245-83	TRANSISTOR 2SC2458	
IC203	8-759-610-95	IC CX095E		Q121	8-729-204-83	TRANSISTOR 2SA1048GR	
<u>TERMINAL BOARD</u>				Q122	8-729-245-83	TRANSISTOR 2SC2458	
J2	1-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q123	8-729-245-83	TRANSISTOR 2SC2458	
<u>COIL</u>				Q124	8-729-115-30	TRANSISTOR 2SK105A-30	
L101	1-408-412-00	MICRO INDUCTOR 18UH		Q125	8-729-245-83	TRANSISTOR 2SC2458	
L102	1-408-412-00	MICRO INDUCTOR 18UH		Q126	8-729-115-30	TRANSISTOR 2SK105A-30	
L103	1-408-411-00	MICRO INDUCTOR 15UH		Q127	8-729-115-30	TRANSISTOR 2SK105A-30	
L104	1-408-414-00	MICRO INDUCTOR 27UH		Q128	8-729-115-30	TRANSISTOR 2SK105A-30	
L105	1-408-414-00	MICRO INDUCTOR 27UH		Q129	8-729-245-83	TRANSISTOR 2SC2458	
L106	1-408-409-00	MICRO INDUCTOR 10UH		Q130	8-729-245-83	TRANSISTOR 2SC2458	
L107	1-408-413-00	MICRO INDUCTOR 22UH		Q131	8-729-115-30	TRANSISTOR 2SK105A-30	
L108	1-408-416-00	MICRO INDUCTOR 39UH		Q132	8-729-115-30	TRANSISTOR 2SK105A-30	
L110	1-408-412-00	MICRO INDUCTOR 18UH		Q133	8-729-245-83	TRANSISTOR 2SC2458	
L111	1-408-406-00	MICRO INDUCTOR 5.6UH		Q135	8-729-204-83	TRANSISTOR 2SA1048GR	
L112	1-408-408-00	MICRO INDUCTOR 8.2UH		Q136	8-729-204-83	TRANSISTOR 2SA1048GR	
L113	1-408-226-00	MICRO INDUCTOR 82UH		Q137	8-729-204-83	TRANSISTOR 2SA1048GR	
L114	1-408-419-00	MICRO INDUCTOR 68UH		Q138	8-729-204-83	TRANSISTOR 2SA1048GR	
L201	1-408-247-00	MICRO INDUCTOR 33MMH		Q139	8-729-245-83	TRANSISTOR 2SC2458	
L202	1-408-163-00	MICRO INDUCTOR 5.6MMH		Q140	8-729-204-83	TRANSISTOR 2SA1048GR	
L203	1-408-414-00	MICRO INDUCTOR 27UH		Q141	8-729-204-83	TRANSISTOR 2SA1048GR	
<u>TRANSISTOR</u>				Q142	8-729-204-83	TRANSISTOR 2SA1048GR	
Q001	8-729-245-83	TRANSISTOR 2SC2458		Q143	8-729-204-83	TRANSISTOR 2SA1048GR	
Q002	8-729-204-83	TRANSISTOR 2SA1048GR		Q144	8-729-245-83	TRANSISTOR 2SC2458	
Q003	8-729-204-83	TRANSISTOR 2SA1048GR		Q145	8-729-245-83	TRANSISTOR 2SC2458	
Q004	8-729-204-83	TRANSISTOR 2SA1048GR		Q148	8-729-245-83	TRANSISTOR 2SC2458	
Q005	8-729-245-83	TRANSISTOR 2SC2458		Q149	8-729-204-83	TRANSISTOR 2SA1048GR	
Q006	8-729-204-83	TRANSISTOR 2SA1048GR		Q150	8-729-204-83	TRANSISTOR 2SA1048GR	
Q007	8-729-204-83	TRANSISTOR 2SA1048GR		Q151	8-729-245-83	TRANSISTOR 2SC2458	
Q008	8-729-245-83	TRANSISTOR 2SC2458		Q152	8-729-245-83	TRANSISTOR 2SC2458	
Q009	8-729-204-83	TRANSISTOR 2SA1048GR		Q153	8-729-245-83	TRANSISTOR 2SC2458	
Q010	8-729-245-83	TRANSISTOR 2SC2458		Q154	8-729-245-83	TRANSISTOR 2SC2458	
Q011	8-729-245-83	TRANSISTOR 2SC2458		Q155	8-729-245-83	TRANSISTOR 2SC2458	
Q012	8-729-204-83	TRANSISTOR 2SA1048GR		Q159	8-729-204-83	TRANSISTOR 2SA1048GR	
Q101	8-729-245-83	TRANSISTOR 2SC2458		<u>RESISTOR</u>			
Q102	8-729-245-83	TRANSISTOR 2SC2458		R002	1-247-131-00	CARBON	1K 5% 1/4W
Q103	8-729-245-83	TRANSISTOR 2SC2458		R003	1-247-865-00	CARBON	27K 5% 1/6W
Q104	8-729-245-83	TRANSISTOR 2SC2458		R004	1-247-845-00	CARBON	3.9K 5% 1/6W
Q105	8-729-245-83	TRANSISTOR 2SC2458		R005	1-247-839-00	CARBON	2.2K 5% 1/6W
Q106	8-729-245-83	TRANSISTOR 2SC2458		R006	1-247-875-00	CARBON	68K 5% 1/6W
Q107	8-729-245-83	TRANSISTOR 2SC2458		R007	1-247-863-00	CARBON	22K 5% 1/6W
Q108	8-729-245-83	TRANSISTOR 2SC2458		R009	1-247-850-00	CARBON	6.2K 5% 1/6W
Q109	8-729-204-83	TRANSISTOR 2SA1048GR		R010	1-247-850-00	CARBON	6.2K 5% 1/6W
Q110	8-729-245-83	TRANSISTOR 2SC2458		R011	1-247-850-00	CARBON	6.2K 5% 1/6W
Q111	8-729-245-83	TRANSISTOR 2SC2458		R012	1-247-871-00	CARBON	47K 5% 1/6W
				R013	1-247-877-00	CARBON	82K 5% 1/6W
				R014	1-247-885-00	CARBON	180K 5% 1/6W
				R015	1-247-873-00	CARBON	56K 5% 1/6W

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R016	1-247-831-00	CARBON	1K	5%	1/6W	R114	1-247-827-00	CARBON	680	5%	1/6W
R017	1-247-104-00	CARBON	75	5%	1/4W	R115	1-247-835-00	CARBON	1.5K	5%	1/6W
R019	1-247-104-00	CARBON	75	5%	1/4W	R116	1-247-803-00	CARBON	68	5%	1/6W
R020	1-247-865-00	CARBON	27K	5%	1/6W	R117	1-247-827-00	CARBON	680	5%	1/6W
R021	1-247-845-00	CARBON	3.9K	5%	1/6W	R118	1-247-827-00	CARBON	680	5%	1/6W
R022	1-247-863-00	CARBON	22K	5%	1/6W	R119	1-247-807-00	CARBON	100	5%	1/6W
R023	1-247-875-00	CARBON	68K	5%	1/6W	R120	1-247-827-00	CARBON	680	5%	1/6W
R024	1-247-850-00	CARBON	6.2K	5%	1/6W	R121	1-247-827-00	CARBON	680	5%	1/6W
R025	1-247-871-00	CARBON	47K	5%	1/6W	R122	1-247-807-00	CARBON	100	5%	1/6W
R026	1-247-173-00	CARBON	56K	5%	1/4W	R123	1-247-831-00	CARBON	1K	5%	1/6W
R027	1-247-877-00	CARBON	82K	5%	1/6W	R124	1-247-823-00	CARBON	470	5%	1/6W
R028	1-247-885-00	CARBON	180K	5%	1/6W	R125	1-247-831-00	CARBON	1K	5%	1/6W
R029	1-247-855-00	CARBON	10K	5%	1/6W	R126	1-247-807-00	CARBON	100	5%	1/6W
R030	1-247-885-00	CARBON	180K	5%	1/6W	R127	1-247-827-00	CARBON	680	5%	1/6W
R031	1-247-877-00	CARBON	82K	5%	1/6W	R128	1-247-814-00	CARBON	200	5%	1/6W
R032	1-247-871-00	CARBON	47K	5%	1/6W	R129	1-247-835-00	CARBON	1.5K	5%	1/6W
R033	1-247-863-00	CARBON	22K	5%	1/6W	R130	1-247-827-00	CARBON	680	5%	1/6W
R034	1-247-875-00	CARBON	68K	5%	1/6W	R131	1-247-823-00	CARBON	470	5%	1/6W
R035	1-247-831-00	CARBON	1K	5%	1/6W	R132	1-247-837-00	CARBON	1.8K	5%	1/6W
R036	1-247-104-00	CARBON	75	5%	1/4W	R133	1-247-799-00	CARBON	47	5%	1/6W
R037	1-247-865-00	CARBON	27K	5%	1/6W	R135	1-247-816-00	CARBON	240	5%	1/6W
R038	1-247-845-00	CARBON	3.9K	5%	1/6W	R136	1-247-839-00	CARBON	2.2K	5%	1/6W
R039	1-247-850-00	CARBON	6.2K	5%	1/6W	R137	1-247-861-00	CARBON	18K	5%	1/6W
R040	1-247-875-00	CARBON	68K	5%	1/6W	R138	1-247-843-00	CARBON	3.3K	5%	1/6W
R041	1-247-104-00	CARBON	75	5%	1/4W	R140	1-247-863-00	CARBON	22K	5%	1/6W
R042	1-247-865-00	CARBON	27K	5%	1/6W	R141	1-247-863-00	CARBON	22K	5%	1/6W
R043	1-247-878-00	CARBON	91K	5%	1/6W	R143	1-247-807-00	CARBON	100	5%	1/6W
R045	1-247-855-00	CARBON	10K	5%	1/6W	R146	1-247-803-00	CARBON	68	5%	1/6W
R046	1-247-853-00	CARBON	8.2K	5%	1/6W	R147	1-247-835-00	CARBON	1.5K	5%	1/6W
R049	1-247-873-00	CARBON	56K	5%	1/6W	R148	1-247-835-00	CARBON	1.5K	5%	1/6W
R051	1-247-839-00	CARBON	2.2K	5%	1/6W	R149	1-247-863-00	CARBON	22K	5%	1/6W
R052	1-247-807-00	CARBON	100	5%	1/6W	R150	1-247-829-00	CARBON	820	5%	1/6W
R053	1-247-871-00	CARBON	47K	5%	1/6W	R151	1-247-823-00	CARBON	470	5%	1/6W
R054	1-247-871-00	CARBON	47K	5%	1/6W	R152	1-247-829-00	CARBON	820	5%	1/6W
R055	1-247-877-00	CARBON	82K	5%	1/6W	R153	1-247-843-00	CARBON	3.3K	5%	1/6W
R056	1-247-159-00	CARBON	15K	5%	1/4W	R154	1-247-863-00	CARBON	22K	5%	1/6W
R061	1-247-226-00	CARBON	270	5%	1/2W	R155	1-247-855-00	CARBON	10K	5%	1/6W
R062	1-247-133-00	CARBON	1.2K	5%	1/4W	R156	1-247-867-00	CARBON	33K	5%	1/6W
R063	1-247-791-00	CARBON	22	5%	1/6W	R157	1-247-867-00	CARBON	33K	5%	1/6W
R100	1-247-853-00	CARBON	8.2K	5%	1/6W	R158	1-247-875-00	CARBON	68K	5%	1/6W
R101	1-247-869-00	CARBON	39K	5%	1/6W	R159	1-247-827-00	CARBON	680	5%	1/6W
R102	1-247-815-00	CARBON	220	5%	1/6W	R160	1-247-869-00	CARBON	39K	5%	1/6W
R103	1-247-833-00	CARBON	1.2K	5%	1/6W	R161	1-247-855-00	CARBON	10K	5%	1/6W
R104	1-247-819-00	CARBON	330	5%	1/6W	R162	1-247-871-00	CARBON	47K	5%	1/6W
R105	1-247-827-00	CARBON	680	5%	1/6W	R165	1-247-903-00	CARBON	1M	5%	1/6W
R106	1-247-843-00	CARBON	3.3K	5%	1/6W	R167	1-247-835-00	CARBON	1.5K	5%	1/6W
R107	1-247-849-00	CARBON	5.6K	5%	1/6W	R168	1-247-867-00	CARBON	33K	5%	1/6W
R108	1-247-855-00	CARBON	10K	5%	1/6W	R170	1-247-859-00	CARBON	15K	5%	1/6W
R109	1-247-823-00	CARBON	470	5%	1/6W	R171	1-247-879-00	CARBON	100K	5%	1/6W
R110	1-247-823-00	CARBON	470	5%	1/6W	R173	1-247-847-00	CARBON	4.7K	5%	1/6W
R111	1-247-839-00	CARBON	2.2K	5%	1/6W	R176	1-247-887-00	CARBON	220K	5%	1/6W
R112	1-247-827-00	CARBON	680	5%	1/6W	R177	1-247-879-00	CARBON	100K	5%	1/6W
R113	1-247-817-00	CARBON	270	5%	1/6W	R178	1-247-883-00	CARBON	150K	5%	1/6W

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R179	1-247-875-00	CARBON	68K	5%	1/6W	R234	1-247-815-00	CARBON	220	5%	1/6W
R180	1-247-831-00	CARBON	1K	5%	1/6W	R235	1-247-823-00	CARBON	470	5%	1/6W
R181	1-247-855-00	CARBON	10K	5%	1/6W	R236	1-247-807-00	CARBON	100	5%	1/6W
R182	1-247-871-00	CARBON	47K	5%	1/6W	R237	1-247-815-00	CARBON	220	5%	1/6W
R183	1-247-843-00	CARBON	3.3K	5%	1/6W	R238	1-247-867-00	CARBON	33K	5%	1/6W
R184	1-247-833-00	CARBON	1.2K	5%	1/6W	R239	1-247-877-00	CARBON	82K	5%	1/6W
R185	1-247-877-00	CARBON	82K	5%	1/6W	R240	1-247-841-00	CARBON	2.7K	5%	1/6W
R186	1-247-823-00	CARBON	470	5%	1/6W	R241	1-247-863-00	CARBON	22K	5%	1/6W
R187	1-247-865-00	CARBON	27K	5%	1/6W	R242	1-247-854-00	CARBON	9.1K	5%	1/6W
R188	1-247-867-00	CARBON	33K	5%	1/6W	R243	1-247-857-00	CARBON	12K	5%	1/6W
R189	1-247-875-00	CARBON	68K	5%	1/6W	R244	1-247-843-00	CARBON	3.3K	5%	1/6W
R190	1-247-867-00	CARBON	33K	5%	1/6W	R245	1-247-849-00	CARBON	5.6K	5%	1/6W
R191	1-247-871-00	CARBON	47K	5%	1/6W	R246	1-247-855-00	CARBON	10K	5%	1/6W
R192	1-247-839-00	CARBON	2.2K	5%	1/6W	R247	1-247-859-00	CARBON	15K	5%	1/6W
R193	1-247-845-00	CARBON	3.9K	5%	1/6W	R248	1-247-839-00	CARBON	2.2K	5%	1/6W
R194	1-247-859-00	CARBON	15K	5%	1/6W	R249	1-247-871-00	CARBON	47K	5%	1/6W
R195	1-247-839-00	CARBON	2.2K	5%	1/6W	R250	1-247-885-00	CARBON	180K	5%	1/6W
R196	1-247-865-00	CARBON	27K	5%	1/6W	R251	1-247-849-00	CARBON	5.6K	5%	1/6W
R197	1-247-827-00	CARBON	680	5%	1/6W	R252	1-247-853-00	CARBON	8.2K	5%	1/6W
R198	1-247-827-00	CARBON	680	5%	1/6W	R253	1-247-843-00	CARBON	3.3K	5%	1/6W
R199	1-247-831-00	CARBON	1K	5%	1/6W	R254	1-247-855-00	CARBON	10K	5%	1/6W
R200	1-247-879-00	CARBON	100K	5%	1/6W	R255	1-247-831-00	CARBON	1K	5%	1/6W
R201	1-247-903-00	CARBON	1M	5%	1/6W	R256	1-247-853-00	CARBON	8.2K	5%	1/6W
R202	1-247-903-00	CARBON	1M	5%	1/6W	R258	1-247-839-00	CARBON	2.2K	5%	1/6W
R203	1-247-855-00	CARBON	10K	5%	1/6W	R259	1-247-853-00	CARBON	8.2K	5%	1/6W
R204	1-247-855-00	CARBON	10K	5%	1/6W	R260	1-247-875-00	CARBON	68K	5%	1/6W
R205	1-247-855-00	CARBON	10K	5%	1/6W	R261	1-247-855-00	CARBON	10K	5%	1/6W
R206	1-247-875-00	CARBON	68K	5%	1/6W	R262	1-247-879-00	CARBON	100K	5%	1/6W
R207	1-247-815-00	CARBON	220	5%	1/6W	R263	1-247-855-00	CARBON	10K	5%	1/6W
R208	1-247-855-00	CARBON	10K	5%	1/6W	R264	1-247-875-00	CARBON	68K	5%	1/6W
R209	1-247-867-00	CARBON	33K	5%	1/6W	R265	1-247-855-00	CARBON	10K	5%	1/6W
R210	1-247-815-00	CARBON	220	5%	1/6W	R266	1-247-855-00	CARBON	10K	5%	1/6W
R211	1-247-815-00	CARBON	220	5%	1/6W	R267	1-247-875-00	CARBON	68K	5%	1/6W
R212	1-247-845-00	CARBON	3.9K	5%	1/6W	R268	1-247-875-00	CARBON	68K	5%	1/6W
R213	1-247-815-00	CARBON	220	5%	1/6W	R269	1-247-855-00	CARBON	10K	5%	1/6W
R214	1-247-815-00	CARBON	220	5%	1/6W	R270	1-247-827-00	CARBON	680	5%	1/6W
R215	1-247-847-00	CARBON	4.7K	5%	1/6W	R271	1-247-179-00	CARBON	100K	5%	1/4W
R216	1-247-879-00	CARBON	100K	5%	1/6W	R272	1-246-517-25	CARBON	68K	5%	1/4W
R217	1-247-879-00	CARBON	100K	5%	1/6W	R273	1-246-545-00	CARBON	1M	5%	1/4W
R218	1-247-855-00	CARBON	10K	5%	1/6W	R274	1-247-171-00	CARBON	47K	5%	1/4W
R219	1-247-849-00	CARBON	5.6K	5%	1/6W	R275	1-247-855-00	CARBON	10K	5%	1/6W
R220	1-247-867-00	CARBON	33K	5%	1/6W	R276	1-247-859-00	CARBON	15K	5%	1/6W
R221	1-247-867-00	CARBON	33K	5%	1/6W	R277	1-247-829-00	CARBON	820	5%	1/6W
R222	1-247-875-00	CARBON	68K	5%	1/6W	R278	1-247-839-00	CARBON	2.2K	5%	1/6W
R223	1-247-849-00	CARBON	5.6K	5%	1/6W	R279	1-247-167-00	CARBON	33K	5%	1/4W
R224	1-247-891-00	CARBON	330K	5%	1/6W	R280	1-247-871-00	CARBON	47K	5%	1/6W
R225	1-247-879-00	CARBON	100K	5%	1/6W	R281	1-247-859-00	CARBON	15K	5%	1/6W
R226	1-247-878-00	CARBON	91K	5%	1/6W	R282	1-247-839-00	CARBON	2.2K	5%	1/8W
R228	1-247-835-00	CARBON	1.5K	5%	1/6W	R283	1-247-847-00	CARBON	4.7K	5%	1/6W
R230	1-247-847-00	CARBON	4.7K	5%	1/6W	R284	1-247-853-00	CARBON	8.2K	5%	1/6W
R231	1-247-873-00	CARBON	56K	5%	1/6W	R285	1-247-843-00	CARBON	3.3K	5%	1/6W
R232	1-247-821-00	CARBON	390	5%	1/6W	R286	1-247-843-00	CARBON	3.3K	5%	1/6W
R233	1-247-815-00	CARBON	220	5%	1/6W	R287	1-247-903-00	CARBON	1M	5%	1/6W

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark	
R288	1-247-879-00	CARBON	100K	5%	1/6W			<u>SWITCH</u>				
R290	1-247-855-00	CARBON	10K	5%	1/6W		S1	1-553-725-00	SWITCH, SLIDE			
R291	1-247-855-00	CARBON	10K	5%	1/6W		S2	1-553-725-00	SWITCH, SLIDE			
R292	1-247-071-00	CARBON	1	5%	1/4W		S3	1-553-725-00	SWITCH, SLIDE			
R293	1-247-841-00	CARBON	2.7K	5%	1/6W							
R294	1-247-807-00	CARBON	100	5%	1/6W			<u>TRANSFORMER</u>				
R295	1-247-855-00	CARBON	10K	5%	1/6W		T101	1-408-513-00	COIL (VARIABLE)			
R296	1-247-179-00	CARBON	100K	5%	1/4W		T102	1-409-193-00	COIL 3.58MHZ TRAP			
R297	1-247-871-00	CARBON	47K	5%	1/6W		T103	1-409-193-00	COIL 3.58MHZ TRAP			
R298	1-247-871-00	CARBON	47K	5%	1/6W		T104	1-404-081-00	TRANSFORMER, DELAY ADJUST			
R299	1-247-823-00	CARBON	470	5%	1/6W		T201	1-404-146-00	TRANSFORMER			
R301	1-247-658-00	CARBON	47	5%	1/4W	F	T202	1-408-532-00	COIL, VARIABLE			
R302	1-247-871-00	CARBON	47K	5%	1/6W		T203	1-408-532-00	COIL, VARIABLE			
R303	1-247-827-00	CARBON	680	5%	1/6W		T204	1-408-513-00	COIL (VARIABLE)			
R304	1-247-827-00	CARBON	680	5%	1/6W			<u>THERMISTOR</u>				
R305	1-247-827-00	CARBON	680	5%	1/6W			TH101	1-800-070-XX	THERMISTOR TH-4700		
R306	1-247-883-00	CARBON	150K	5%	1/6W			TH201	1-800-626-00	THERMISTOR		
R307	1-247-819-00	CARBON	330	5%	1/6W							
R308	1-247-865-00	CARBON	27K	5%	1/6W							
R309	1-247-815-00	CARBON	220	5%	1/6W							
R310	1-247-843-00	CARBON	3.3K	5%	1/6W							
R311	1-247-872-00	CARBON	51K	5%	1/6W		X101	1-527-396-00	CRYSTAL, OSC			
R312	1-247-839-00	CARBON	2.2K	5%	1/6W		X102	1-527-345-00	CRYSTAL, OSC			
R313	1-247-847-00	CARBON	4.7K	5%	1/6W							
R314	1-247-867-00	CARBON	33K	5%	1/6W							
R315	1-247-835-00	CARBON	1.5K	5%	1/6W							
R316	1-247-835-00	CARBON	1.5K	5%	1/6W							
R317	1-247-127-00	CARBON	680	5%	1/4W							
R318	1-247-813-00	CARBON	180	5%	1/6W							
R319	1-247-823-00	CARBON	470	5%	1/6W							
R322	1-247-851-00	CARBON	6.8K	5%	1/6W							
R324	1-247-127-00	CARBON	680	5%	1/4W							
R325	1-247-855-00	CARBON	10K	5%	1/6W							
R326	1-247-845-00	CARBON	3.9K	5%	1/6W							
R328	1-247-837-00	CARBON	1.8K	5%	1/6W							
R329	1-247-845-00	CARBON	3.9K	5%	1/6W							
R332	1-247-873-00	CARBON	56K	5%	1/6W							
R348	1-247-857-00	CARBON	12K	5%	1/6W							
R349	1-247-855-00	CARBON	10K	5%	1/6W							
<u>VARIABLE RESISTOR</u>												
RV101	1-226-845-00	RES, ADJ, CARBON	330				C611	1-125-260-00	ELECT (BLOCK)	470MF	200V	
RV103	1-226-849-00	RES, ADJ, CARBON	3.3K				C612	1-123-335-00	ELECT	330MF	25V	
RV104	1-226-852-00	RES, ADJ, CARBON	22K				C613	1-136-071-00	FILM	0.0057MF	3% 2KV	
RV105	1-226-852-00	RES, ADJ, CARBON	22K				C614	1-123-337-00	ELECT	1000MF	20% 25V	
RV106	1-226-849-00	RES, ADJ, CARBON	3.3K				C615	1-123-333-00	ELECT	100MF	20% 16V	
RV107	1-228-724-00	RES, ADJ, CARBON	10K				C616	1-123-381-00	ELECT	2.2MF	20% 50V	
RV108	1-226-850-00	RES, ADJ, CARBON	4.7K				C617	1-102-125-00	CERAMIC	0.0047MF	10% 50V	
RV109	1-226-850-00	RES, ADJ, CARBON	4.7K				C619	1-106-180-00	MYLAR	0.0022MF	10% 100V	
RV110	1-226-846-00	RES, ADJ, CARBON	470				C621	1-123-356-00	ELECT	10MF	20% 16V	
RV111	1-226-853-00	RES, ADJ, CARBON	47K				C622	1-102-121-00	CERAMIC	0.0022MF	10% 50V	
							C623	1-101-004-00	CERAMIC	0.01MF	50V	
							C624	1-123-381-00	ELECT	2.2MF	20% 50V	
							C625	1-123-380-00	ELECT	1MF	20% 50V	
							C626	1-102-095-00	CERAMIC	330PF	20% 1KV	

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F

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark	
C627	1-123-024-00	ELECT	33MF	160V		<u>IC</u>		
C628	1-123-024-00	ELECT	33MF	160V	IC601	8-759-100-75	IC UPC1394C	
C629	1-123-360-00	ELECT	100MF	20%	50V			
C630	1-123-998-00	ELECT	470MF	20%	25V			
C631	1-123-998-00	ELECT	470MF	20%	25V			
C632	1-123-323-00	ELECT	470MF	20%	16V	L601	1-408-225-00	MICRO INDUCTOR 3.3UH
C635	1-102-123-00	CERAMIC	0.0033MF	10%	50V	L602	1-407-365-00	COIL, CHOKE (HIGH FREQUENCY)
C640 Δ	1-161-953-51	CERAMIC	0.0047MF	20%	400V	L603	1-407-687-00	MICRO INDUCTOR 3.3UH
C643	1-123-333-00	ELECT	100MF	20%	16V	L609	1-459-155-00	COIL (WITH CORE) 45MH
C644	1-123-334-00	ELECT	220MF	20%	25V	L610	1-459-155-00	COIL (WITH CORE) 45MH
C645	1-123-334-00	ELECT	220MF	20%	25V	L612	1-459-155-00	COIL (WITH CORE) 45MH
C646	1-123-359-00	ELECT	47MF	20%	50V	L613	1-407-687-00	MICRO INDUCTOR 3.3UH
C647	1-123-024-00	ELECT	33MF		160V	L615	1-407-364-00	COIL, SPOOK CHOKE 3.3UH
C648 Δ	1-161-742-12	CERAMIC	0.0022MF	20%	400V			
C649 Δ	1-161-742-12	CERAMIC	0.0022MF	20%	400V			
<u>TRANSISTOR</u>								
C650 Δ	1-108-745-52	MYLAR	0.22MF	20%	125V	Q601	8-729-168-82	TRANSISTOR 2SC2688
C656	1-101-004-00	CERAMIC	0.01MF		50V	Q602	8-729-313-82	TRANSISTOR 2SD1138
C657	1-101-004-00	CERAMIC	0.01MF		50V	*4-347-706-00	HEAT SINK (TR), Q602	
C658	1-108-429-00	MYLAR	0.047MF	10%	200V	Q603	8-729-103-43	TRANSISTOR 2SB734
C659	1-102-820-00	CERAMIC	330PF	5%	50V	Q604	8-729-177-43	TRANSISTOR 2SD774
C660	1-101-004-00	CERAMIC	0.01MF		50V	Q605	8-729-802-07	TRANSISTOR 2SD1403-CA
C665	1-123-027-00	ELECT	2.2MF		250V	4-363-414-00	SPACER, MICA, Q605	
						*4-367-204-00	HOLDER (REG OUT), TRANSFORMER, Q605	
						8-729-177-43	TRANSISTOR 2SD774	
<u>DIODE</u>								
D601	8-719-503-06	DIODE	S3WB60Z					
D602	8-719-100-77	DIODE	RD18E-B2					
D603	8-719-911-55	DIODE	U05G					
D604	8-719-924-06	DIODE	ERC24-06S					
D605	8-719-924-06	DIODE	ERC24-06S					
D606	8-719-911-55	DIODE	U05G					
D607	8-719-300-76	DIODE	RH-1A					
D608	8-719-102-74	DIODE	RD6.2E-N2					
D609	8-719-901-83	DIODE	1SS83					
D610	8-719-100-87	DIODE	RD22E-B3					
D611	8-719-901-83	DIODE	1SS83					
D612	8-719-900-26	DIODE	ERD29-08J					
D613	8-719-901-93	DIODE	V19E					
D614	8-719-901-93	DIODE	V19E					
D615	8-719-981-00	DIODE	ERC81-004					
D616	8-719-981-00	DIODE	ERC81-004					
<u>CONNECTOR</u>								
F1	*1-506-349-21	3P PLUG (L)						
F3	*1-508-765-00	3P PLUG (M)						
F4	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)						
F6	*1-508-766-00	4P PLUG (M)						
F7	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)						
F8	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P						
<u>FUSE</u>								
F601 Δ	1-532-656-11	FUSE, GLASS TUBE	16.3A					
	1-533-087-00	HOLDER, FUSE	F601					
R616	1-247-843-00	CARBON						
R618	1-247-881-00	CARBON						
R619	1-247-895-00	CARBON						
R620	1-247-865-00	CARBON						
R621	1-247-855-00	CARBON						
R622	1-215-441-00	METAL						
R624	1-215-456-00	METAL						
R625	1-247-855-00	CARBON						
R626	1-247-807-00	CARBON						
R627	1-247-871-00	CARBON						
R628	1-247-831-00	CARBON						
R629	1-247-829-00	CARBON						

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F F2 Q

Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark	
R630	1-247-815-00	CARBON	220	5%	1/6W		*A-1275-055-A	Q BOARD, COMPLETE	*****			
R631	1-213-163-00	METAL OXIDE	47K	5%	1W	F			*****			
R632	1-247-807-00	CARBON	100	5%	1/8W	F			*****			
R640 A.		METAL			1/6W			1-408-408-00	MICRO INDUCTOR 8.2UH			
R643	1-212-352-00	METAL OXIDE	0.22	5%	1W	F		1-536-843-11	TERMINAL BOARD, INPUT/OUTPUT (B)			
								*4-603-275-00	LOCK, SCREW			
R644	1-217-418-00	FUSIBLE	0.47	10%	1/2W	F			<u>CAPACITOR</u>			
R645	1-212-356-00	METAL OXIDE	0.47	5%	1W	F	C402	1-123-356-00	ELECT	10MF	20%	25V
R646	1-212-356-00	METAL OXIDE	0.47	5%	1W	F	C403	1-102-949-00	CERAMIC	12PF	5%	50V
R647	1-212-352-00	METAL OXIDE	0.22	5%	1W	F	C405	1-123-380-00	ELECT	1MF	20%	50V
R648	1-202-841-00	SOLID	180K		1/2W		C407	1-123-356-00	ELECT	10MF	20%	25V
R649	1-202-433-35	SOLID	120K	10%	1/4W		C408	1-102-949-00	CERAMIC	12PF	5%	50V
R650	1-247-831-00	CARBON	1K	5%	1/6W		C410	1-123-380-00	ELECT	1MF	20%	50V
R659 A.	1-217-286-11	WIREWOUND	100	10%	1W	F	C412	1-123-356-00	ELECT	10MF	20%	25V
R660	1-247-692-11	CARBON	22	5%	1/4W	F	C413	1-102-949-00	CERAMIC	12PF	5%	50V
R665	1-247-173-00	CARBON	56K	5%	1/4W		C415	1-123-380-00	ELECT	1MF	20%	50V
R666	1-247-791-00	CARBON	22	5%	1/8W	F	C417	1-123-332-00	ELECT	47MF	20%	25V
<u>VARIABLE RESISTOR</u>												
RV601	1-224-249-XX	RES, ADJ, METAL GLAZE	1K				C419	1-106-212-00	MYLAR	0.047MF	10%	100V
<u>TRANSFORMER</u>												
T601 A.	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					C420	1-123-380-00	ELECT	1MF	20%	50V
T602 A.	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					C422	1-106-212-00	MYLAR	0.047MF	10%	100V
T603 A.	1-421-692-11	SRT					C423	1-123-380-00	ELECT	1MF	20%	50V
T604 A.	1-421-678-11	TRANSFORMER, PULS					C424	1-123-323-00	ELECT	470MF	20%	16V
<u>THERMISTOR</u>												
ATHP601.1-800-686-32		THERMISTOR (POSITIVE)					C426	1-123-234-00	ELECT	10MF	20%	50V
THP602 1-806-449-11		THERMISTOR (POSITIVE)					C428	1-123-234-00	ELECT	10MF	20%	50V

*1-613-847-11 F2 BOARD												

*1-564-315-00 PIN ASSY, BOARD TO BOARD 7P												
<u>CAPACITOR</u>												
C655	1-123-381-00	ELECT	2.2MF	20%	50V		C434	1-102-820-00	CERAMIC	330PF	5%	50V
<u>DIODE</u>												
D617	8-729-101-31	TRANSISTOR N13T1					C435	1-123-332-00	ELECT	47MF	20%	25V
D620	8-719-102-90	DIODE RD10E-N2					C436	1-101-006-00	CERAMIC	0.047MF	50V	
<u>TRANSISTOR</u>												
Q609	8-729-245-83	TRANSISTOR 2SC2458					C437	1-123-234-00	ELECT	10MF	20%	50V
<u>RESISTOR</u>												
R655	1-244-919-51	CARBON	82K	5%	1/2W		C438	1-123-369-00	ELECT	4.7MF	20%	25V
R656	1-247-863-00	CARBON	22K	5%	1/6W		C441	1-101-006-00	CERAMIC	0.047MF	50V	
R657	1-247-807-00	CARBON	100	5%	1/6W		C443	1-106-212-00	MYLAR	0.047MF	10%	100V
R658	1-247-883-00	CARBON	150K	5%	1/6W		C444	1-106-196-00	MYLAR	0.01MF	10%	100V
							C446	1-123-379-00	ELECT	0.47MF	20%	50V
							C447	1-123-379-00	ELECT	0.47MF	20%	50V

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

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- The components identified by **■** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to SAFETY RELATED ADJUSTMENT.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C491	1-123-332-00	ELECT	47MF	20%	25V		
C492	1-123-332-00	ELECT	47MF	20%	25V		
C493	1-101-361-00	CERAMIC	150PF	5%	50V		
C494	1-106-196-00	MYLAR	0.01MF	10%	100V		
C495	1-101-006-00	CERAMIC	0.047MF		50V		
C497	1-123-356-00	ELECT	10MF	20%	25V		
		<u>CONNECTOR</u>					
CN407	*1-562-243-00	CONNECTOR 25P					
Q1	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
Q2	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
Q3	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P					
Q4	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					
Q5	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P					
Q7	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)					
		<u>DIODE</u>					
D401	8-719-911-19	DIODE ISS119					
D402	8-719-911-19	DIODE ISS119					
D403	8-719-911-19	DIODE ISS119					
D404	8-719-100-37	DIODE RD6.2E-B1					
D405	8-719-100-37	DIODE RD6.2E-B1					
D406	8-719-100-37	DIODE RD6.2E-B1					
D407	8-719-100-37	DIODE RD6.2E-B1					
D408	8-719-911-19	DIODE ISS119					
D409	8-719-911-19	DIODE ISS119					
D410	8-719-911-19	DIODE ISS119					
D411	8-719-911-19	DIODE ISS119					
D412	8-719-911-19	DIODE ISS119					
D414	8-719-911-19	DIODE ISS119					
D415	8-719-911-19	DIODE ISS119					
D416	8-719-911-19	DIODE ISS119					
D418	8-719-100-37	DIODE RD6.2E-B1					
D419	8-719-100-37	DIODE RD6.2E-B1					
D420	8-719-911-19	DIODE ISS119					
D422	8-719-100-37	DIODE RD6.2E-B1					
D423	8-719-100-22	DIODE RD4.3E-B1					
D424	8-719-911-19	DIODE ISS119					
D425	8-719-100-26	DIODE RD4.7E-B1					
D426	8-719-100-37	DIODE RD6.2E-B1					
D427	8-719-100-37	DIODE RD6.2E-B1					
D428	8-719-100-37	DIODE RD6.2E-B1					
D435	8-719-911-19	DIODE ISS119					
D436	8-719-911-19	DIODE ISS119					
D437	8-719-911-19	DIODE ISS119					
		<u>FUSE</u>					
F401	△.1-532-580-11	FUSE, GLASS TUBE					
	1-533-087-00	HOLDER, FUSE, F401					
F402	△.1-532-536-11	FUSE, GLASS-TUBE 1A 125V					
	1-533-087-00	HOLDER, FUSE, F402					
F403	△.1-532-580-11	FUSE, GLASS TUBE					
		<u>COIL</u>					
L407	1-408-163-00	MICRO INDUCTOR 5.6MMH					
		<u>TRANSISTOR</u>					
Q401	8-729-204-83	TRANSISTOR 2SA1048GR					
Q402	8-729-245-83	TRANSISTOR 2SC2458					
Q403	8-729-204-83	TRANSISTOR 2SA1048GR					
Q404	8-729-245-83	TRANSISTOR 2SC2458					
Q405	8-729-204-83	TRANSISTOR 2SA1048GR					
Q406	8-729-245-83	TRANSISTOR 2SC2458					
Q407	8-729-204-83	TRANSISTOR 2SA1048GR					
Q408	8-729-204-83	TRANSISTOR 2SA1048GR					
Q409	8-729-245-83	TRANSISTOR 2SC2458					
Q410	8-729-204-83	TRANSISTOR 2SA1048GR					
Q411	8-729-245-83	TRANSISTOR 2SC2458					
Q412	8-729-245-83	TRANSISTOR 2SC2458					
Q413	8-729-245-83	TRANSISTOR 2SC2458					
Q414	8-729-204-83	TRANSISTOR 2SA1048GR					
Q415	8-729-245-83	TRANSISTOR 2SC2458					
Q416	8-729-245-83	TRANSISTOR 2SC2458					
Q417	8-729-245-83	TRANSISTOR 2SC2458					
Q418	8-729-204-83	TRANSISTOR 2SA1048GR					
Q419	8-729-245-83	TRANSISTOR 2SC2458					
Q420	8-729-245-83	TRANSISTOR 2SC2458					
Q421	8-729-245-83	TRANSISTOR 2SC2458					
Q422	8-729-245-83	TRANSISTOR 2SC2458					
Q423	8-729-245-83	TRANSISTOR 2SC2458					
Q424	8-729-204-83	TRANSISTOR 2SA1048GR					
Q425	8-729-245-83	TRANSISTOR 2SC2458					
Q426	8-729-245-83	TRANSISTOR 2SC2458					
Q429	8-729-245-83	TRANSISTOR 2SC2458					
Q430	8-729-204-83	TRANSISTOR 2SA1048GR					
Q431	8-729-245-83	TRANSISTOR 2SC2458					
Q433	8-729-204-83	TRANSISTOR 2SA1048GR					
Q434	8-729-204-83	TRANSISTOR 2SA1048GR					

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Q

Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
Q435	8-729-204-83	TRANSISTOR	2SA1048GR			R410	1-247-878-00	CARBON	91K	5%	1/6W
Q442	8-729-245-83	TRANSISTOR	2SC2458			R411	1-247-833-00	CARBON	1.2K	5%	1/6W
Q443	8-729-245-83	TRANSISTOR	2SC2458			R412	1-247-865-00	CARBON	27K	5%	1/6W
Q444	8-729-245-83	TRANSISTOR	2SC2458			R413	1-247-853-00	CARBON	8.2K	5%	1/6W
Q445	8-729-204-83	TRANSISTOR	2SA1048GR			R414	1-247-829-00	CARBON	820	5%	1/6W
Q446	8-729-204-83	TRANSISTOR	2SA1048GR			R415	1-247-104-00	CARBON	75	5%	1/4W
Q447	8-729-245-83	TRANSISTOR	2SC2458			R416	1-247-131-00	CARBON	1K	5%	1/4W
Q448	8-729-204-83	TRANSISTOR	2SA1048GR			R417	1-247-878-00	CARBON	91K	5%	1/6W
Q449	8-729-245-83	TRANSISTOR	2SC2458			R418	1-247-833-00	CARBON	1.2K	5%	1/6W
Q450	8-729-204-83	TRANSISTOR	2SA1048GR			R419	1-247-865-00	CARBON	27K	5%	1/6W
Q451	8-729-245-83	TRANSISTOR	2SC2458			R420	1-247-853-00	CARBON	8.2K	5%	1/6W
Q452	8-729-204-83	TRANSISTOR	2SA1048GR			R421	1-247-829-00	CARBON	820	5%	1/6W
Q453	8-729-245-83	TRANSISTOR	2SC2458			R422	1-247-173-00	CARBON	56K	5%	1/4W
Q454	8-729-204-83	TRANSISTOR	2SA1048GR			R423	1-247-885-00	CARBON	180K	5%	1/6W
Q455	8-729-245-83	TRANSISTOR	2SC2458			R424	1-247-877-00	CARBON	82K	5%	1/6W
Q456	8-729-245-83	TRANSISTOR	2SC2458			R425	1-247-871-00	CARBON	47K	5%	1/6W
Q457	8-729-204-83	TRANSISTOR	2SA1048GR			R426	1-247-851-00	CARBON	6.8K	5%	1/6W
<u>RESISTOR</u>						R427	1-247-847-00	CARBON	4.7K	5%	1/6W
R351	1-247-855-00	CARBON	10K	5%	1/6W	R428	1-247-173-00	CARBON	56K	5%	1/4W
R352	1-247-815-00	CARBON	220	5%	1/6W	R429	1-247-885-00	CARBON	180K	5%	1/6W
R353	1-247-855-00	CARBON	10K	5%	1/6W	R430	1-247-877-00	CARBON	82K	5%	1/6W
R354	1-247-815-00	CARBON	220	5%	1/6W	R431	1-247-871-00	CARBON	47K	5%	1/6W
R355	1-247-807-00	CARBON	100	5%	1/6W	R432	1-247-851-00	CARBON	6.8K	5%	1/6W
R356	1-247-127-00	CARBON	680	5%	1/4W	R433	1-247-847-00	CARBON	4.7K	5%	1/6W
R357	1-247-127-00	CARBON	680	5%	1/4W	R434	1-247-807-00	CARBON	100	5%	1/6W
R358	1-247-827-00	CARBON	680	5%	1/6W	R435	1-247-879-00	CARBON	100K	5%	1/6W
R359	1-247-827-00	CARBON	680	5%	1/6W	R436	1-247-103-00	CARBON	68	5%	1/4W
R361	1-247-127-00	CARBON	680	5%	1/4W	R437	1-247-131-00	CARBON	1K	5%	1/4W
R362	1-247-127-00	CARBON	680	5%	1/4W	R438	1-247-839-00	CARBON	2.2K	5%	1/6W
R364	1-247-827-00	CARBON	680	5%	1/6W	R439	1-247-155-00	CARBON	10K	5%	1/4W
R365	1-247-127-00	CARBON	680	5%	1/4W	R440	1-247-878-00	CARBON	91K	5%	1/6W
R366	1-247-115-00	CARBON	220	5%	1/4W	R442	1-247-865-00	CARBON	27K	5%	1/6W
R367	1-247-115-00	CARBON	220	5%	1/4W	R443	1-247-853-00	CARBON	8.2K	5%	1/6W
R368	1-247-855-00	CARBON	10K	5%	1/6W	R444	1-247-103-00	CARBON	68	5%	1/4W
R369	1-247-815-00	CARBON	220	5%	1/6W	R445	1-247-131-00	CARBON	1K	5%	1/4W
R370	1-247-815-00	CARBON	220	5%	1/6W	R446	1-247-839-00	CARBON	2.2K	5%	1/6W
R371	1-247-843-00	CARBON	3.3K	5%	1/6W	R447	1-247-155-00	CARBON	10K	5%	1/4W
R372	1-246-485-25	CARBON	3.3K	5%	1/4W	R448	1-247-878-00	CARBON	91K	5%	1/6W
R373	1-246-537-00	CARBON	470K	5%	1/4W	R450	1-247-865-00	CARBON	27K	5%	1/6W
R374	1-247-871-00	CARBON	47K	5%	1/6W	R451	1-247-853-00	CARBON	8.2K	5%	1/6W
R377	1-247-845-00	CARBON	3.9K	5%	1/6W	R452	1-247-103-00	CARBON	68	5%	1/4W
R378	1-247-855-00	CARBON	10K	5%	1/6W	R453	1-247-131-00	CARBON	1K	5%	1/4W
R379	1-247-127-00	CARBON	680	5%	1/4W	R454	1-247-839-00	CARBON	2.2K	5%	1/6W
R401	1-247-104-00	CARBON	75	5%	1/4W	R455	1-247-155-00	CARBON	10K	5%	1/4W
R402	1-247-131-00	CARBON	1K	5%	1/4W	R456	1-247-878-00	CARBON	91K	5%	1/6W
R403	1-247-878-00	CARBON	91K	5%	1/6W	R458	1-247-865-00	CARBON	27K	5%	1/6W
R404	1-247-833-00	CARBON	1.2K	5%	1/6W	R459	1-247-853-00	CARBON	8.2K	5%	1/6W
R405	1-247-865-00	CARBON	27K	5%	1/6W	R460	1-247-107-00	CARBON	100	5%	1/4W
R406	1-247-853-00	CARBON	8.2K	5%	1/6W	R461	1-247-839-00	CARBON	2.2K	5%	1/6W
R407	1-247-829-00	CARBON	820	5%	1/6W	R462	1-247-831-00	CARBON	1K	5%	1/6W
R408	1-247-104-00	CARBON	75	5%	1/4W	R463	1-247-845-00	CARBON	3.9K	5%	1/6W
R409	1-247-131-00	CARBON	1K	5%	1/4W	R465	1-247-835-00	CARBON	1.5K	5%	1/6W
						R466	1-247-819-00	CARBON	330	5%	1/6W

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R467	1-247-829-00	CARBON	820 5% 1/6W	R1433	1-247-843-00	CARBON	3.3K 5% 1/6W
R468	1-247-835-00	CARBON	1.5K 5% 1/6W	R1434	1-247-848-00	CARBON	5.1K 5% 1/6W
R469	1-247-819-00	CARBON	330 5% 1/6W	R1435	1-247-833-00	CARBON	1.2K 5% 1/6W
R470	1-247-829-00	CARBON	820 5% 1/6W	R1436	1-247-869-00	CARBON	39K 5% 1/6W
R471	1-247-835-00	CARBON	1.5K 5% 1/6W	R1437	1-247-855-00	CARBON	10K 5% 1/6W
R472	1-247-819-00	CARBON	330 5% 1/6W	R1438	1-247-849-00	CARBON	5.6K 5% 1/6W
R473	1-247-829-00	CARBON	820 5% 1/6W	R1439	1-247-847-00	CARBON	4.7K 5% 1/6W
R474	1-247-847-00	CARBON	4.7K 5% 1/6W	R1441	1-247-863-00	CARBON	22K 5% 1/6W
R475	1-247-853-00	CARBON	8.2K 5% 1/6W	R1442	1-247-901-00	CARBON	820K 5% 1/6W
R476	1-247-831-00	CARBON	1K 5% 1/6W	R1443	1-247-901-00	CARBON	820K 5% 1/6W
R477	1-247-847-00	CARBON	4.7K 5% 1/6W	R1444	1-247-901-00	CARBON	820K 5% 1/6W
R478	1-247-847-00	CARBON	4.7K 5% 1/6W	R1445	1-247-867-00	CARBON	33K 5% 1/6W
R479	1-247-847-00	CARBON	4.7K 5% 1/6W	R1446	1-247-867-00	CARBON	33K 5% 1/6W
R480	1-247-103-00	CARBON	68 5% 1/4W	R1447	1-246-527-00	CARBON	180K 5% 1/4W
R481	1-247-139-00	CARBON	2.2K 5% 1/4W	R1448	1-247-849-00	CARBON	5.6K 5% 1/6W
R482	1-247-839-00	CARBON	2.2K 5% 1/6W	R1449	1-247-839-00	CARBON	2.2K 5% 1/6W
R483	1-247-807-00	CARBON	100 5% 1/6W	R1451	1-247-831-00	CARBON	1K 5% 1/6W
R484	1-247-855-00	CARBON	10K 5% 1/6W	R1452	1-247-843-00	CARBON	3.3K 5% 1/6W
R485	1-247-878-00	CARBON	91K 5% 1/6W	R1453	1-247-831-00	CARBON	1K 5% 1/6W
R486	1-247-865-00	CARBON	27K 5% 1/6W	R1454	1-247-843-00	CARBON	3.3K 5% 1/6W
R487	1-247-853-00	CARBON	8.2K 5% 1/6W	R1455	1-247-839-00	CARBON	2.2K 5% 1/6W
R488	1-247-115-00	CARBON	220 5% 1/4W	R1456	1-247-823-00	CARBON	470 5% 1/6W
R489	1-247-147-00	CARBON	4.7K 5% 1/4W	R1457	1-247-839-00	CARBON	2.2K 5% 1/6W
R490	1-247-835-00	CARBON	1.5K 5% 1/6W	R1458	1-247-799-00	CARBON	47 5% 1/6W
R491	1-247-839-00	CARBON	2.2K 5% 1/6W	R1459	1-247-825-00	CARBON	560 5% 1/6W
R492	1-247-829-00	CARBON	820 5% 1/6W	R1460	1-247-791-00	CARBON	22 5% 1/6W
R493	1-247-819-00	CARBON	330 5% 1/6W	R1461	1-247-839-00	CARBON	2.2K 5% 1/6W
R494	1-247-847-00	CARBON	4.7K 5% 1/6W	R1462	1-247-823-00	CARBON	470 5% 1/6W
R495	1-247-863-00	CARBON	22K 5% 1/6W	R1463	1-247-839-00	CARBON	2.2K 5% 1/6W
R496	1-247-871-00	CARBON	47K 5% 1/6W	R1464	1-247-799-00	CARBON	47 5% 1/6W
R497	1-247-855-00	CARBON	10K 5% 1/6W	R1465	1-247-825-00	CARBON	560 5% 1/6W
R499	1-247-819-00	CARBON	330 5% 1/6W	R1466	1-247-791-00	CARBON	22 5% 1/6W
R661	1-247-113-00	CARBON	180 5% 1/4W	R1467	1-247-839-00	CARBON	2.2K 5% 1/6W
R662	1-247-113-00	CARBON	180 5% 1/4W	R1468	1-247-823-00	CARBON	470 5% 1/6W
R663	1-247-113-00	CARBON	180 5% 1/4W	R1469	1-247-839-00	CARBON	2.2K 5% 1/6W
R664	1-247-821-00	CARBON	390 5% 1/6W	R1470	1-247-799-00	CARBON	47 5% 1/6W
R665	1-247-821-00	CARBON	390 5% 1/6W	R1471	1-247-825-00	CARBON	560 5% 1/6W
R666	1-247-821-00	CARBON	390 5% 1/6W	R1472	1-247-791-00	CARBON	22 5% 1/6W
R1401	1-247-839-00	CARBON	2.2K 5% 1/6W	R1473	1-247-853-00	CARBON	8.2K 5% 1/6W
R1402	1-247-831-00	CARBON	1K 5% 1/6W	R1474	1-247-851-00	CARBON	6.8K 5% 1/6W
R1403	1-247-861-00	CARBON	18K 5% 1/6W	R1475	1-247-855-00	CARBON	10K 5% 1/6W
R1404	1-247-845-00	CARBON	3.9K 5% 1/6W	R1476	1-247-815-00	CARBON	220 5% 1/6W
R1405	1-247-855-00	CARBON	10K 5% 1/6W	R1477	1-247-815-00	CARBON	220 5% 1/6W
R1406	1-247-843-00	CARBON	3.3K 5% 1/6W	R1478	1-247-815-00	CARBON	220 5% 1/6W
R1413	1-247-145-00	CARBON	3.9K 5% 1/4W	R1479	1-247-847-00	CARBON	4.7K 5% 1/6W
R1414	1-247-123-00	CARBON	470 5% 1/4W	R1480	1-247-847-00	CARBON	4.7K 5% 1/6W
R1415	1-247-149-00	CARBON	5.6K 5% 1/4W	R1481	1-247-831-00	CARBON	1K 5% 1/6W
R1417	1-247-823-00	CARBON	470 5% 1/6W	R1482	1-247-855-00	CARBON	10K 5% 1/6W
R1419	1-247-835-00	CARBON	1.5K 5% 1/6W	R1483	1-247-855-00	CARBON	10K 5% 1/6W
R1420	1-247-847-00	CARBON	4.7K 5% 1/6W	R1484	1-247-155-00	CARBON	10K 5% 1/4W
R1421	1-247-831-00	CARBON	1K 5% 1/6W	R1485	1-247-115-00	CARBON	220 5% 1/4W
R1423	1-247-827-00	CARBON	680 5% 1/6W	R1486	1-247-155-00	CARBON	10K 5% 1/4W
R1432	1-247-855-00	CARBON	10K 5% 1/6W	R1487	1-247-115-00	CARBON	220 5% 1/4W

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Ref.No.	Part No.	Description					Remark	Ref.No.	Part No.	Description					Remark
R1488	1-247-155-00	CARBON	10K	5%	1/4W					<u>TRANSISTOR</u>					
R1489	1-247-115-00	CARBON	220	5%	1/4W			Q701	8-729-245-83	TRANSISTOR	2SC2458				
R1490	1-247-155-00	CARBON	10K	5%	1/4W			Q702	8-729-168-82	TRANSISTOR	2SC2688				
R1492	1-247-115-00	CARBON	220	5%	1/4W			4-370-970-01	SPACER, TR, 0702						
		<u>VARIABLE RESISTOR</u>						0703	8-729-245-83	TRANSISTOR	2SC2458				
								0704	8-729-168-82	TRANSISTOR	2SC2688				
RV401	1-226-853-00	RES, ADJ, CARBON	47K					4-370-970-01	SPACER, TR, 0704						
RV402	1-226-852-00	RES, ADJ, CARBON	22K					0705	8-729-245-83	TRANSISTOR	2SC2458				
RV403	1-226-852-00	RES, ADJ, CARBON	22K					0706	8-729-168-82	TRANSISTOR	2SC2688				
RV404	1-226-852-00	RES, ADJ, CARBON	22K					4-370-970-01	SPACER, TR, 0706						
RV405	1-226-852-00	RES, ADJ, CARBON	22K												
		<u>SWITCH</u>							<u>RESISTOR</u>						
S401	1-553-725-00	SWITCH, SLIDE						R701	1-247-839-00	CARBON	2.2K	5%	1/6W		
S402	1-553-725-00	SWITCH, SLIDE						R702	1-247-823-00	CARBON	470	5%	1/6W		
S403	1-553-725-00	SWITCH, SLIDE						R703	1-247-823-00	CARBON	470	5%	1/6W		
								R704	1-247-793-00	CARBON	27	5%	1/6W		
								R705	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F	

		*A-1330-541-A C1 BOARD, COMPLETE						R706	1-247-813-00	CARBON	180	5%	1/6W		
		*****						R708	1-247-838-00	CARBON	2K	5%	1/6W		
								R709	1-247-839-00	CARBON	2.2K	5%	1/6W		
								R710	1-247-823-00	CARBON	470	5%	1/6W		
								R711	1-247-823-00	CARBON	470	5%	1/6W		
		<u>CONNECTOR</u>													
C1	*1-508-765-00	3P PLUG (M)						R712	1-247-793-00	CARBON	27	5%	1/6W		
C2	*1-508-786-00	2P PLUG (M)						R713	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F	
		<u>CAPACITOR</u>						R714	1-247-813-00	CARBON	180	5%	1/6W		
								R716	1-247-838-00	CARBON	2K	5%	1/6W		
								R717	1-247-839-00	CARBON	2.2K	5%	1/6W		
C701	1-123-356-00	ELECT	10MF	20%	25V			R718	1-247-823-00	CARBON	470	5%	1/6W		
C703	1-102-116-00	CERAMIC	680PF	10%	50V			R719	1-247-823-00	CARBON	470	5%	1/6W		
C704	1-124-039-51	ELECT	10MF	20%	16V			R720	1-247-793-00	CARBON	27	5%	1/6W		
C705	1-102-116-00	CERAMIC	680PF	10%	50V			R721	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F	
C706	1-124-039-51	ELECT	10MF	20%	16V			R722	1-247-813-00	CARBON	180	5%	1/6W		
C707	1-102-116-00	CERAMIC	680PF	10%	50V			R723	1-247-779-00	CARBON	6.8	5%	1/6W		
C708	1-124-039-51	ELECT	10MF	20%	16V			R724	1-247-838-00	CARBON	2K	5%	1/6W		
C709	1-121-759-00	ELECT	4.7MF		250V			R725	1-247-095-00	CARBON	33	5%	1/4W		
C710	1-108-433-00	MYLAR	0.1MF	10%	200V			R726	1-244-925-00	CARBON	150K	5%	1/2W		
C711	1-102-038-00	CERAMIC	0.001MF		500V			R727	1-202-824-00	SOLID	3.3K		1/2W		
C712	1-129-737-00	FILM	0.047MF	20%	630V			R728	1-202-824-00	SOLID	3.3K		1/2W		
C713	1-123-356-00	ELECT	10MF	20%	50V			R729	1-202-824-00	SOLID	3.3K		1/2W		
C714	1-102-249-00	CERAMIC	680PF	20%	2KV			R730	1-202-815-51	SOLID	47K		1/2W		
C715	1-102-219-00	CERAMIC	680PF	20%	1KV			R731	1-202-719-00	SOLID	1M	10%	1/2W		
C716	1-102-074-00	CERAMIC	0.001MF	10%	50V			R732	1-202-722-00	SOLID	1.8M	10%	1/2W		
		<u>DIODE</u>						R733	1-202-719-00	SOLID	1M	10%	1/2W		
								R734	1-202-824-00	SOLID	3.3K		1/2W		
D701	8-719-300-76	DIODE RH-1A						R735	1-202-720-00	SOLID	1.2M	10%	1/2W		
D702	8-719-300-76	DIODE RH-1A						R736	1-202-834-00	SOLID	27K		1/2W		
D703	8-719-300-76	DIODE RH-1A						R737	1-202-549-00	SOLID	100	5%	1/2W		
		<u>COIL</u>						R738	1-202-842-51	SOLID	220K		1/2W		
L701	1-407-701-00	MICRO INDUCTOR	47UH						<u>VARIABLE RESISTOR</u>						
L702	1-407-701-00	MICRO INDUCTOR	47UH					RV701	1-228-719-00	RES, ADJ, CERAMIC	CARBON	470			
L703	1-407-701-00	MICRO INDUCTOR	47UH					RV702	1-228-723-00	RES, ADJ, CERAMIC	CARBON	4.7K			
L704	1-407-701-00	MICRO INDUCTOR	47UH												

C1	C2	D
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
RV703	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C525	1-108-583-00	MYLAR	0.015MF 5% 50V
RV704	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C526	1-131-356-00	TANTALUM	3.3MF 10% 25V
RV705	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C527	1-123-323-00	ELECT	470MF 20% 16V
RV706	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C528	1-123-382-00	ELECT	3.3MF 20% 50V
RV707	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C529	1-123-228-00	ELECT	1MF 20% 50V
RV708	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C530	1-108-579-00	MYLAR	0.01MF 5% 50V
RV709	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C531	1-108-595-00	MYLAR	0.047MF 5% 50V
RV710	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C532	1-123-380-00	ELECT	1MF 20% 50V
RV711	1-228-719-00	RES, ADJ, CERAMIC CARBON 470		C533	1-123-356-00	ELECT	10MF 20% 16V
RV712	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C534	1-106-172-00	MYLAR	0.001MF 5% 50V
RV713	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		C535	1-123-356-00	ELECT	10MF 20% 25V
RV714	1-226-063-00	RES, ADJ, CARBON 2.2M		C751	1-123-380-00	ELECT	1MF 20% 50V
C752	1-124-043-51	ELECT	2.2MF 20% 50V	C753	1-124-038-00	ELECT	1MF 20% 50V
C755	1-108-603-00	MYLAR	0.1MF 5% 50V				
*1-613-038-11 C2 BOARD				C756	1-124-038-00	ELECT	1MF 20% 50V
*****				C757	1-162-117-00	CERAMIC	100PF 10% 500V
CONNECTOR				C758	1-108-824-00	MYLAR	0.47MF 5% 50V
C4	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P		C759	1-123-356-00	ELECT	10MF 20% 25V
C5	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P		C760	1-124-126-00	ELECT	47MF 20% 25V
SWITCH				C761	1-123-382-00	ELECT	3.3MF 20% 50V
S701	1-554-974-11	SWITCH, SLIDE		C762	1-123-330-00	ELECT	22MF 20% 25V
				C764	1-123-334-00	ELECT	220MF 20% 25V
				C766	1-123-380-00	ELECT	1MF 20% 50V
				C767	1-123-380-00	ELECT	1MF 20% 50V
*****				C768	1-106-220-00	MYLAR	0.1MF 10% 100V
*A-1345-472-A D BOARD, COMPLETE				C769	1-124-126-00	ELECT	47MF 20% 25V
*****				C801	1-136-173-00	FILM	0.47MF 5% 50V
3-701-833-01 HEAD, WASHER, TAPPING SCREW				C802	1-123-381-00	ELECT	2.2MF 20% 50V
CAPACITOR				C803	1-101-888-00	CERAMIC	68PF 5% 50V
C503	1-102-121-00	CERAMIC	0.0022MF 10% 50V	C804	1-123-380-00	ELECT	1MF 20% 50V
C504	1-106-208-00	MYLAR	0.033MF 10% 100V	C805	1-102-531-00	CERAMIC	150PF 5% 50V
C505	1-123-380-00	ELECT	1MF 20% 50V	C806	1-106-172-00	MYLAR	0.001MF 5% 50V
C506	1-108-587-00	MYLAR	0.022MF 5% 50V	C807	1-102-531-00	CERAMIC	150PF 5% 50V
C507	1-123-380-00	ELECT	1MF 20% 50V	C808	1-123-369-00	ELECT	4.7MF 20% 25V
C508	1-136-173-00	FILM	0.47MF 5% 50V	C810	1-106-188-00	MYLAR	0.0047MF 5% 50V
C509	1-123-380-00	ELECT	1MF 20% 50V	C811	1-106-196-00	MYLAR	0.01MF 10% 100V
C511	1-123-356-00	ELECT	10MF 20% 25V	C813	1-106-204-00	MYLAR	0.022MF 10% 100V
C512	1-123-380-00	ELECT	1MF 20% 50V	C814	1-106-180-00	MYLAR	0.0022MF 10% 100V
C513	1-108-587-00	MYLAR	0.022MF 5% 50V	C815	1-129-794-00	FILM	0.0033MF 5% 100V
C514	1-108-595-00	MYLAR	0.047MF 5% 50V	C816	1-123-381-00	ELECT	2.2MF 20% 50V
C515	1-124-514-51	ELECT	100MF 20% 50V	C817	1-123-381-00	ELECT	2.2MF 20% 50V
C516	1-102-228-00	CERAMIC	470PF 10% 500V	C818	1-123-330-00	ELECT	22MF 20% 25V
C517	1-106-204-00	MYLAR	0.022MF 10% 100V	C819	1-123-330-00	ELECT	2.2MF 20% 50V
C518	1-123-356-00	ELECT	10MF 20% 25V	C821	1-123-381-00	ELECT	2.2MF 20% 50V
C519	1-123-228-00	ELECT	1MF 20% 50V	C822	1-123-380-00	ELECT	1MF 20% 50V
C520	1-123-330-00	ELECT	22MF 20% 25V	C823	1-123-356-00	ELECT	10MF 20% 16V
C521	1-123-336-00	ELECT	470MF 20% 25V	C824	1-123-356-00	ELECT	10MF 20% 50V
C522	1-123-330-00	ELECT	22MF 20% 16V	C825	1-123-322-00	ELECT	330MF 20% 16V
C523	1-123-330-00	ELECT	22MF 20% 16V	C827	1-123-379-00	ELECT	0.47MF 20% 50V
C524	1-123-380-00	ELECT	1MF 20% 50V	C828	1-102-820-00	CERAMIC	330PF 5% 50V
				C829	1-106-385-00	MYLAR	0.056MF 10% 200V
				C830	1-102-030-00	CERAMIC	330PF 10% 500V

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C832	△1-161-961-11	CERAMIC	0.0022MF 10% 3KV	D3	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
C833	1-108-431-00	MYLAR	0.068MF 10% 200V	D4	*1-508-765-00	3P PLUG (M)	
C834	△1-136-064-11	FILM	0.002MF 10% 3% 2KV	D5	*1-508-765-00	3P PLUG (M)	
C835	△1-136-079-11	FILM	0.01MF 10% 3% 2KV	D6	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P	
C836	1-136-186-00	FILM	2.4MF 5% 200V	D7	*1-508-766-00	4P PLUG (M)	
C837	1-108-433-00	MYLAR	0.1MF 10% 200V	D8	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C838	1-136-112-00	FILM	1.4MF 5% 200V	D9	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P	
C839	1-130-566-00	MYLAR	2.2MF 10% 250V	D10	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)	
C840	1-136-123-00	FILM	0.51MF 5% 400V	D11	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C841	1-123-267-00	ELECT	2.2MF 20% 160V	D12	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C842	1-106-186-00	MYLAR	0.0039MF 10% 100V			<u>DIODE</u>	
C843	1-123-380-00	ELECT	1MF 20% 50V	D501	8-719-100-23	DIODE RD4.3E-B2	
C844	1-123-322-00	ELECT	330MF 20% 16V	D502	8-719-911-19	DIODE ISS119	
C846	1-123-347-00	ELECT	330MF 20% 35V	D504	8-719-911-19	DIODE ISS119	
C849	1-108-603-00	MYLAR	0.1MF 5% 50V	D505	8-719-911-19	DIODE ISS119	
C850	1-129-706-00	FILM	0.0022MF 10% 630V	D506	8-719-911-55	DIODE U05G	
C851	1-106-367-00	MYLAR	0.01MF 10% 200V	D507	8-719-911-19	DIODE ISS119	
C852	1-123-337-00	ELECT	1000MF 20% 25V	D751	8-719-911-19	DIODE ISS119	
C853	1-102-212-00	CERAMIC	820PF 10% 500V	D752	8-719-911-19	DIODE ISS119	
C854	1-121-999-00	ELECT	10MF 160V	D753	8-719-911-19	DIODE ISS119	
C855	1-123-024-00	ELECT	33MF 160V	D754	8-719-911-19	DIODE ISS119	
C856	1-108-429-00	MYLAR	0.047MF 10% 200V	D801	8-719-911-55	DIODE U05G	
C857	1-102-223-00	CERAMIC	0.0047MF 10% 2KV	D802	8-719-911-19	DIODE ISS119	
C858	1-102-527-00	CERAMIC	82PF 5% 50V	D803	8-719-100-30	DIODE RD5.1E-B2	
C859	1-123-369-00	ELECT	4.7MF 20% 50V	D804	8-719-100-80	DIODE RD20E-B2	
C860	1-123-332-00	ELECT	47MF 20% 25V	D805	8-719-305-15	DIODE GH3F	
C861	△1-136-065-11	FILM	0.0027MF 10% 3% 2KV	D806	8-719-928-08	DIODE ERD28-08	
C862	△1-136-066-11	FILM	0.003MF 10% 3% 2KV	D807	8-719-901-93	DIODE V19E	
C863	△1-136-064-11	FILM	0.002MF 10% 3% 2KV	D808	8-719-901-93	DIODE V19E	
C865	1-106-367-00	MYLAR	0.01MF 10% 200V	D809	8-719-300-76	DIODE RH-1A	
C866	1-101-361-00	CERAMIC	150PF 5% 50V	D810	8-719-903-09	DIODE V30N	
C868	1-123-356-00	ELECT	10MF 20% 16V	D811	8-719-911-19	DIODE ISS119	
C870	1-123-332-00	ELECT	47MF 20% 25V	D812	8-719-300-76	DIODE RH-1A	
C871	1-123-380-00	ELECT	1MF 20% 50V	D813	8-719-300-76	DIODE RH-1A	
C872	1-106-196-00	MYLAR	0.01MF 10% 100V	D814	8-719-911-19	DIODE ISS119	
C873	1-123-323-00	ELECT	470MF 20% 16V	D815	8-719-911-19	DIODE ISS119	
C874	1-106-196-00	MYLAR	0.01MF 10% 100V	D816	8-719-911-19	DIODE ISS119	
C876	1-102-530-00	CERAMIC	120PF 5% 50V	D817	8-719-100-64	DIODE RD12E-B1	
C877	1-102-531-00	CERAMIC	150PF 5% 50V	D818	8-719-911-55	DIODE U05G	
C879	1-102-531-00	CERAMIC	150PF 5% 50V			<u>IC</u>	
C880	1-102-525-00	CERAMIC	68PF 5% 50V	IC501	8-759-100-60	IC UPC1377C	
C881	1-102-820-00	CERAMIC	330PF 5% 50V	IC502	8-759-979-16	IC CX7916	
C883	1-108-818-11	MYLAR	0.15MF 5% 50V	IC503	8-759-113-78	IC UPC1378H-L	
C884	1-123-356-00	ELECT	10MF 20% 25V	IC504	8-759-145-58	IC UPC4558C	
C885	1-108-599-00	MYLAR	0.068MF 5% 50V	IC801	8-759-345-38	IC HD14538BP	
C886	1-106-180-00	MYLAR	0.0022MF 5% 50V	IC802	8-759-240-11	IC TC4011BP	
C887	1-123-332-00	ELECT	47MF 20% 16V	IC803	8-759-145-58	IC UPC4558C	
C888	1-123-323-00	ELECT	470MF 20% 16V	IC804	6-066-717-10	IC TDA1082	
C889	1-108-818-71	MYLAR	0.15MF 5% 50V	IC805	8-759-700-06	IC UPC7812H	
					*4-323-833-00	HEAT SINK, PIN OUT, IC805	
D1	*1-560-126-00 PLUG, CONNECTOR (2.5MM) 6P						
D2	*1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH)						

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark				
<u>COIL</u>											
L501	1-408-231-00	MICRO INDUCTOR 1MMH		Q817	8-729-204-83	TRANSISTOR 2SA1048GR					
L752	1-407-508-00	MICRO INDUCTOR 22MMH		Q818	8-729-204-83	TRANSISTOR 2SA1048GR					
L753	1-408-247-00	MICRO INDUCTOR 33MMH		Q819	8-729-245-83	TRANSISTOR 2SC2458					
L802	1-408-349-00	COIL, CHOKE		Q820	8-729-245-83	TRANSISTOR 2SC2458					
L803	1-408-238-00	MICRO INDUCTOR 3.9MMH		Q821	8-729-245-83	TRANSISTOR 2SC2458					
L804 ▲	1-459-241-11	COIL, HORIZONTAL LINEALITY		Q822	8-729-245-83	TRANSISTOR 2SC2458					
L805 ▲	1-459-568-11	COIL, CHOKE 980UH		Q823	8-729-245-83	TRANSISTOR 2SC2458					
L806	1-407-365-00	COIL, CHOKE		Q824	8-729-245-83	TRANSISTOR 2SC2458					
L807	1-459-104-00	COIL, DUST CORE		<u>RESISTOR</u>							
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH		R504	1-247-847-00	CARBON	4.7K	5%	1/6W		
L809	1-407-841-00	COIL 15UH		R505	1-247-869-00	CARBON	39K	5%	1/6W		
L810	1-407-166-XX	MICRO INDUCTOR 56UH		R506	1-247-887-00	CARBON	220K	5%	1/6W		
L811	1-459-155-00	COIL (WITH CORE) 45MH		R507	1-215-455-00	METAL	27K	1%	1/6W		
L812	1-459-115-00	COIL, DCC-H		R508	1-247-833-00	CARBON	1.2K	5%	1/6W		
L814	1-407-841-00	COIL 15UH		R509	1-215-473-00	METAL	150K	1%	1/6W		
L816	1-408-247-00	MICRO INDUCTOR 33MMH		R510	1-215-461-00	METAL	47K	1%	1/6W		
<u>TRANSISTOR</u>											
Q502	8-729-900-36	TRANSISTOR DTC124ES		R513	1-215-479-00	METAL	270K	1%	1/6W		
Q503	8-729-900-36	TRANSISTOR DTC124ES		R514	1-215-463-00	METAL	56K	1%	1/6W		
Q504	8-729-900-36	TRANSISTOR DTC124ES		R515	1-247-820-00	CARBON	360	5%	1/6W		
Q505	8-729-900-63	TRANSISTOR DTA124ES		R516	1-247-827-00	CARBON	680	5%	1/6W		
Q508	8-729-245-83	TRANSISTOR 2SC2458		R517	1-247-828-00	CARBON	750	5%	1/6W		
Q509	8-729-900-36	TRANSISTOR DTC124ES		R518	1-247-815-00	CARBON	220	5%	1/6W		
Q510	8-723-305-00	TRANSISTOR 2SK43-5		R519	1-247-879-00	CARBON	100K	5%	1/6W		
Q751	8-729-245-83	TRANSISTOR 2SC2458		R520	1-247-847-00	CARBON	4.7K	5%	1/6W		
Q752	8-729-313-42	TRANSISTOR 2SD1134		R521	1-247-886-00	CARBON	200K	5%	1/6W		
Q753	8-729-306-92	TRANSISTOR 2SD669A		R522	1-215-458-00	METAL	36K	1%	1/6W		
Q754	*4-329-153-00	HEAT SINK, V OUT, Q753		R524	1-247-842-00	CARBON	3K	5%	1/6W		
Q755	8-729-304-92	TRANSISTOR 2SB649A		R525	1-247-857-00	CARBON	12K	5%	1/6W		
Q756	*4-329-153-00	HEAT SINK, V OUT, Q754		R526	1-247-846-00	CARBON	4.3K	5%	1/6W		
Q757	8-729-177-43	TRANSISTOR 2SD774		R527	1-247-863-00	CARBON	22K	5%	1/6W		
Q758	8-729-374-02	TRANSISTOR 2SB740		R528	1-215-373-31	METAL	10	1%	1/6W		
Q760	8-729-245-83	TRANSISTOR 2SC2458		R529	1-213-137-00	METAL OXIDE	330	5%	1W F		
Q801	8-729-245-83	TRANSISTOR 2SC2458		R530	1-213-137-00	METAL OXIDE	330	5%	1W F		
Q802	8-729-204-83	TRANSISTOR 2SA1048GR		R531	1-247-874-00	CARBON	62K	5%	1/6W		
Q803	8-729-245-83	TRANSISTOR 2SC2458		R532	1-247-870-00	CARBON	43K	5%	1/6W		
Q804	8-729-168-82	TRANSISTOR 2SC2688		R533	1-247-824-00	CARBON	510	5%	1/6W		
Q805	8-729-800-87	TRANSISTOR 2SD1398		R534	1-247-824-00	CARBON	510	5%	1/6W		
*4-363-404-00											
	HÖLDER, IC, 0805			R542	1-212-366-00	METAL OXIDE	3.3	5%	1W F		
	4-363-414-00	SPACER, MICA, 0805		R544	1-247-230-00	CARBON	390	5%	1/2W		
Q806	8-729-313-82	TRANSISTOR 2SD1138		R545	1-247-837-00	CARBON	1.8K	5%	1/6W		
Q807	8-729-900-36	TRANSISTOR DTC124ES		R546	1-247-851-00	CARBON	6.8K	5%	1/6W		
Q808	8-729-900-36	TRANSISTOR DTC124ES		R547	1-247-831-00	CARBON	1K	5%	1/6W		
Q810	8-729-900-36	TRANSISTOR DTC124ES		R548	1-247-849-00	CARBON	5.6K	5%	1/6W		
Q811	8-729-204-83	TRANSISTOR 2SA1048GR		R549	1-247-855-00	CARBON	10K	5%	1/6W		
Q812	8-729-245-83	TRANSISTOR 2SC2458		R550	1-247-878-00	CARBON	91K	5%	1/6W		
Q813	8-729-900-36	TRANSISTOR DTC124ES		R551	1-247-871-00	CARBON	47K	5%	1/6W		
Q816	8-729-245-83	TRANSISTOR 2SC2458		R552	1-247-853-00	CARBON	8.2K	5%	1/6W		
				R553	1-247-847-00	CARBON	4.7K	5%	1/6W		
				R554	1-247-886-00	CARBON	200K	5%	1/6W		
				R555	1-247-849-00	CARBON	5.6K	5%	1/6W		
				R556	1-247-859-00	CARBON	15K	5%	1/6W		
				R558	1-247-873-00	CARBON	56K	5%	1/6W		

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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R559	1-247-855-00	CARBON	10K	5%	1/6W		R773	1-247-824-00	CARBON	510	5%	1/6W	
R560	1-247-855-00	CARBON	10K	5%	1/6W		R774	1-247-817-00	CARBON	270	5%	1/6W	
R561	1-247-876-00	CARBON	75K	5%	1/6W		R775	1-247-824-00	CARBON	510	5%	1/6W	
R562	1-247-875-00	CARBON	68K	5%	1/6W		R776	1-247-819-00	CARBON	330	5%	1/6W	
R563	1-247-875-00	CARBON	68K	5%	1/6W		R777	1-247-825-00	CARBON	560	5%	1/6W	
R564	1-247-889-00	CARBON	270K	5%	1/6W		R778	1-247-875-00	CARBON	68K	5%	1/6W	
R565	1-247-855-00	CARBON	10K	5%	1/6W		R779	1-247-855-00	CARBON	10K	5%	1/6W	
R566	1-215-493-00	METAL	1M	1%	1/6W		R780	1-247-833-00	CARBON	1.2K	5%	1/6W	
R567	1-247-877-00	CARBON	82K	5%	1/6W		R781	1-247-816-00	CARBON	240	5%	1/6W	
R568	1-247-807-00	CARBON	100	5%	1/6W		R782	1-247-822-00	CARBON	430	5%	1/6W	
R569	1-247-875-00	CARBON	68K	5%	1/6W		R783	1-247-817-00	CARBON	270	5%	1/6W	
R570	1-247-870-00	CARBON	43K	5%	1/6W		R784	1-247-851-00	CARBON	6.8K	5%	1/6W	
R571	1-247-831-00	CARBON	1K	5%	1/6W		R785	1-247-021-00	CARBON	1.5	5%	1/8W	F
R572	1-247-831-00	CARBON	1K	5%	1/6W		R786	1-247-021-00	CARBON	1.5	5%	1/8W	F
R573	1-247-881-00	CARBON	120K	5%	1/6W		R787	1-247-881-00	CARBON	120K	5%	1/6W	
R574	1-247-873-00	CARBON	56K	5%	1/6W		R788	1-247-879-00	CARBON	100K	5%	1/6W	
R575	1-247-849-00	CARBON	5.6K	5%	1/6W		R789	1-247-833-00	CARBON	1.2K	5%	1/6W	
R576	1-247-839-00	CARBON	2.2K	5%	1/6W		R790	1-247-001-11	CARBON	15	5%	1/4W	F
R577	1-247-815-00	CARBON	220	5%	1/6W		R801	1-247-837-00	CARBON	1.8K	5%	1/6W	
R578	1-247-889-00	CARBON	270K	5%	1/6W		R802	1-247-861-00	CARBON	18K	5%	1/6W	
R579	1-247-879-00	CARBON	100K	5%	1/6W		R803	1-247-875-00	CARBON	68K	5%	1/6W	
R580	1-247-831-00	CARBON	1K	5%	1/6W		R804	1-247-867-00	CARBON	33K	5%	1/6W	
R581	1-247-831-00	CARBON	1K	5%	1/6W		R805	1-247-835-00	CARBON	1.5K	5%	1/6W	
R582	1-247-849-00	CARBON	5.6K	5%	1/6W		R806	1-247-839-00	CARBON	2.2K	5%	1/6W	
R583	1-247-892-00	CARBON	360K	5%	1/6W		R807	1-247-894-00	CARBON	430K	5%	1/6W	
R584	1-247-871-00	CARBON	47K	5%	1/6W		R808	1-247-865-00	CARBON	27K	5%	1/6W	
R585	1-247-789-00	CARBON	18	5%	1/6W		R809	1-247-835-00	CARBON	1.5K	5%	1/6W	
R586	1-247-855-00	CARBON	10K	5%	1/6W		R810	1-247-857-00	CARBON	12K	5%	1/6W	
R587	1-247-831-00	CARBON	1K	5%	1/6W		R811	1-215-462-00	METAL	51K	1%	1/6W	
R589	1-247-831-00	CARBON	1K	5%	1/6W		R812	1-247-873-00	CARBON	56K	5%	1/6W	
R590	1-247-903-00	CARBON	1M	5%	1/6W		R813	1-247-825-00	CARBON	560	5%	1/6W	
R591	1-247-886-00	CARBON	200K	5%	1/6W		R814	1-247-849-00	CARBON	5.6K	5%	1/6W	
R592	1-212-364-00	METAL OXIDE	2.2	5%	1W	F	R815	1-247-857-00	CARBON	12K	5%	1/6W	
R751	1-247-874-00	CARBON	62K	5%	1/6W		R816	1-247-807-00	CARBON	100	5%	1/6W	
R753	1-247-875-00	CARBON	68K	5%	1/6W		R817	1-247-877-00	CARBON	82K	5%	1/6W	
R754	1-247-861-00	CARBON	18K	5%	1/6W		R818	1-247-868-00	CARBON	36K	5%	1/6W	
R755	1-247-831-00	CARBON	1K	5%	1/6W		R819	1-247-857-00	CARBON	12K	5%	1/6W	
R756	1-247-825-00	CARBON	560	5%	1/6W		R820	1-247-877-00	CARBON	82K	5%	1/6W	
R757	1-247-831-00	CARBON	1K	5%	1/6W		R821	1-247-879-00	CARBON	100K	5%	1/6W	
R758	1-247-819-00	CARBON	330	5%	1/6W		R822	1-247-879-00	CARBON	100K	5%	1/6W	
R760	1-247-824-00	CARBON	510	5%	1/6W		R823	1-247-845-00	CARBON	3.9K	5%	1/6W	
R761	1-247-831-00	CARBON	1K	5%	1/6W		R824	1-247-833-00	CARBON	1.2K	5%	1/6W	
R762	1-247-827-00	CARBON	680	5%	1/6W		R825	1-247-855-00	CARBON	10K	5%	1/6W	
R763	1-247-886-00	CARBON	200K	5%	1/6W		R826	1-215-473-00	METAL	150K	1%	1/6W	
R764	1-247-846-00	CARBON	4.3K	5%	1/6W		R827	1-215-447-00	METAL	12K	1%	1/6W	
R765	1-213-147-00	METAL OXIDE	2.2K	5%	1W	F	R828	1-215-441-00	METAL	6.8K	1%	1/6W	
R766	1-247-802-00	CARBON	62	5%	1/6W		R829	▲	CARBON	1.90	5%	1/6W	
R767	1-247-807-00	CARBON	100	5%	1/6W		R830	1-247-867-00	CARBON	33K	5%	1/6W	
R768	1-247-857-00	CARBON	12K	5%	1/6W		R831	1-247-864-00	CARBON	24K	5%	1/6W	
R769	1-247-021-00	CARBON	1.5	5%	1/8W	F	R832	1-247-841-00	CARBON	2.7K	5%	1/6W	
R770	1-247-021-00	CARBON	1.5	5%	1/8W	F	R833	1-215-449-00	METAL	15K	1%	1/6W	
R771	1-247-874-00	CARBON	62K	5%	1/6W		R834	1-215-464-00	METAL	62K	1%	1/6W	
R772	1-247-870-00	CARBON	43K	5%	1/6W		R835	1-215-467-00	METAL	82K	1%	1/6W	

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The components identified by shading and mark **▲** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque **▲** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D H

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R836	1-247-819-00	CARBON	330 5% 1/6W	R889	1-215-463-00	METAL OXIDE	56K 1% 1/6W
R837	1-247-831-00	CARBON	1K 5% 1/6W	R890	1-212-360-00	METAL OXIDE	1 5% 1W F
R838	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	R891	▲.	METAL OXIDE	1 5% 1/6W
R839	1-247-662-00	CARBON	560 5% 1/4W F	R892	1-215-445-00	METAL	10K 1% 1/6W
R840	1-247-841-00	CARBON	2.7K 5% 1/6W	R893	1-247-851-00	CARBON	6.8K 5% 1/6W
R841	1-212-361-00	METAL OXIDE	1.2 5% 1W F	R894	1-247-869-00	CARBON	39K 5% 1/6W
R842	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	R895	1-247-839-00	CARBON	2.2K 5% 1/6W
R843	1-247-851-00	CARBON	6.8K 5% 1/6W	R896	1-247-831-00	CARBON	1K 5% 1/6W
R844	1-213-126-00	METAL OXIDE	39 5% 1W F	R897	1-247-846-00	CARBON	4.3K 5% 1/6W
R845	1-215-465-00	METAL	68K 1% 1/6W	R898	1-247-831-00	CARBON	1K 5% 1/6W
R846	1-247-819-00	CARBON	330 5% 1/6W	R899	1-247-823-00	CARBON	470 5% 1/6W
R847	1-247-855-00	CARBON	10K 5% 1/6W	<u>VARIABLE RESISTOR</u>			
R848	1-247-846-00	CARBON	4.3K 5% 1/6W	RV501	1-228-577-00	RES, ADJ, CARBON	220
R849	1-247-861-00	CARBON	18K 5% 1/6W	RV502	1-228-724-00	RES, ADJ, CARBON	10K
R850	1-247-844-00	CARBON	3.6K 5% 1/6W	RV503	1-226-848-00	RES, ADJ, CARBON	2.2K
R851	1-247-861-00	CARBON	18K 5% 1/6W	RV504	1-226-852-00	RES, ADJ, CARBON	22K
R852	1-247-863-00	CARBON	22K 5% 1/6W	RV505	1-224-249-XX	RES, ADJ, METAL GLAZE	1K
R853	1-247-845-00	CARBON	3.9K 5% 1/6W	RV506	1-226-855-00	RES, ADJ, CARBON	220K
R854	1-247-815-00	CARBON	220 5% 1/6W	RV507	1-226-850-00	RES, ADJ, CARBON	4.7K
R855	1-247-819-00	CARBON	330 5% 1/6W	RV751	1-226-850-00	RES, ADJ, CARBON	4.7K
R856	1-247-853-00	CARBON	8.2K 5% 1/6W	RV752	1-228-724-00	RES, ADJ, CARBON	10K
R857	1-247-879-00	CARBON	100K 5% 1/6W	RV753	1-226-850-00	RES, ADJ, CARBON	4.7K
R858	1-247-890-00	CARBON	300K 5% 1/6W	RV802	1-228-160-11	RES, ADJ, METAL GLAZE	5K
R859	1-247-867-00	CARBON	33K 5% 1/6W	RV803	1-226-849-00	RES, ADJ, CARBON	3.3K
R860	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV804	1-226-847-00	RES, ADJ, CARBON	1K
R861	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV805	1-226-845-00	RES, ADJ, CARBON	330
R862	1-244-923-00	CARBON	120K 5% 1/2W	RV806	1-226-849-00	RES, ADJ, CARBON	3.3K
R863	1-244-923-00	CARBON	120K 5% 1/2W	RV807	1-226-848-00	RES, ADJ, CARBON	2.2K
R864	1-246-488-00	CARBON	4.3K 5% 1/4W	RV808	1-223-102-00	RES, ADJ, WIREWOUND	120
R865	1-247-147-00	CARBON	4.7K 5% 1/4W	RV809	1-226-192-00	RES, ADJ, CARBON	47K
R866	1-247-614-00	CARBON	3.3K 5% 1/8W	RV811	1-226-857-00	RES, ADJ, CARBON	470K
R867	1-213-143-00	METAL OXIDE	1K 5% 1W F	RV812	1-226-853-00	RES, ADJ, CARBON	47K
R868	1-213-147-00	METAL OXIDE	2.2K 5% 1W F	<u>TRANSFORMER</u>			
R869	1-213-127-00	METAL OXIDE	47 5% 1W F	T801	1-437-090-00	HDT	
R870	1-247-867-00	CARBON	33K 5% 1/6W	T803	▲.1-421-693-11	TRANSFORMER, FERRITE	
R871	1-247-839-00	CARBON	2.2K 5% 1/6W	<u>THERMISTOR</u>			
R872	1-247-877-00	CARBON	82K 5% 1/6W	TH501	1-806-110-00	THERMISTOR	
R873	1-247-855-00	CARBON	10K 5% 1/6W	TH751	1-800-071-XX	THERMISTER, S-300	
R874	1-247-865-00	CARBON	27K 5% 1/6W	*****			
R875	1-247-843-00	CARBON	3.3K 5% 1/6W	*1-613-041-11	H BOARD		
R876	1-212-364-00	METAL OXIDE	2.2 5% 1W F	*****			
R877	1-247-874-00	CARBON	62K 5% 1/6W	*4-365-401-00	HOLDER (10 GANG), LED		
R878	1-247-894-00	CARBON	430K 5% 1/6W	<u>DIODE</u>			
R879	1-247-841-00	CARBON	2.7K 5% 1/6W	D681	8-719-114-34	DIODE SY432D	
R880	1-247-839-00	CARBON	2.2K 5% 1/6W	D682	8-719-114-34	DIODE SY432D	
R881	1-247-855-00	CARBON	10K 5% 1/6W	D683	8-719-114-34	DIODE SY432D	
R882	1-247-831-00	CARBON	1K 5% 1/6W	D684	8-719-114-34	DIODE SY432D	
R883	1-247-841-00	CARBON	2.7K 5% 1/6W	*****			
R884	1-247-841-00	CARBON	2.7K 5% 1/6W	*****			
R885	1-247-881-00	CARBON	120K 5% 1/6W	*****			
R886	1-247-845-00	CARBON	3.9K 5% 1/8W	*****			
R887	1-247-807-00	CARBON	100 5% 1/6W	*****			
R888	1-215-477-00	METAL	220K 1% 1/6W	*****			

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Les composants identifiés par une trame et une marque **▲** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

H

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D685	8-719-114-34	DIODE SY432D		V901	A-8-738-312-05	CRT (330YB22)	
D686	8-719-114-34	DIODE SY432D					*****
D687	8-719-114-34	DIODE SY432D					*****
D688	8-719-114-34	DIODE SY432D					*****
D689	8-719-114-34	DIODE SY432D					ACCESSORIES AND PACKING MATERIALS
D690	8-719-102-34	DIODE SG232D					*****
		TRANSISTOR					
Q681	8-729-204-83	TRANSISTOR 2SA1048GR					
		RESISTOR					
R681	1-247-855-00	CARBON	10K 5% 1/6W				
R682	1-247-868-00	CARBON	36K 5% 1/6W				
R684	1-247-854-00	CARBON	9.1K 5% 1/6W				
R685	1-247-831-00	CARBON	1K 5% 1/6W				
R686	1-247-831-00	CARBON	1K 5% 1/6W				
R687	1-247-851-00	CARBON	6.8K 5% 1/6W				
R688	1-247-831-00	CARBON	1K 5% 1/6W				
R689	1-247-837-00	CARBON	1.8K 5% 1/6W				
		VARIABLE RESISTOR					
RV681	1-228-937-00	RES. VAR. CARBON	20K				
RV682	1-228-938-00	RES. VAR. CARBON	20K				
RV683	1-228-938-00	RES. VAR. CARBON	20K				
RV684	1-228-938-00	RES. VAR. CARBON	20K				
RV685	1-228-936-00	RES. VAR. CARBON	10K				
RV686	1-228-936-00	RES. VAR. CARBON	10K				
		SWITCH					
S671	1-516-777-XX	SLIDE SWITCH					
S672	1-516-777-XX	SLIDE SWITCH					
S673	1-516-777-XX	SLIDE SWITCH					
S674	1-554-118-00	SWITCH, PUSH					
S675	1-554-405-00	SWITCH, PUSH (5 KEY)					
		MISCELLANEOUS					

	A-1-162-142-21	CAP. BLOCK, HIGH VOLTAGE					
	A-1-228-482-13	RESISTOR ASSY, HIGH VOLTAGE					
	A-1-451-239-11	DEFLECTION YOKE (SY-97A)					
	1-452-032-00	MAGNET, DISK; 10MM Ø					
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø					
	1-452-146-21	MAGNET, BMC					
	A-1-452-214-12	CRT NECK ASSY (H TYPE)					
	A-1-534-517-31	CORD, AC					
	*1-556-528-00	CONNECTOR ASSY (MINI, DY) 6P					
C901	1-123-337-00	CAP, ELECT 1000MF					
L901	A-1-426-086-12	COIL, DEGAUSSING					
S901	A-1-553-584-12	SWITCH, PUSH (POWER)					
SP901	1-503-109-00	SPEAKER					
T802	A-1-439-308-12	TRANSFORMER ASSY, FLYBACK					

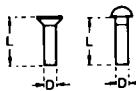
The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

HARDWARE NOMENCLATURE

Screw:

- P 3 x 10
 L: Length in mm
 D: Diameter in mm
 Type of head



Indicated slotted-head only.

Unless otherwise indicated, it means cross-recessed head (Phillips type).

Nut, Washer, Retaining ring:

N 3

Diameter of usable screw or shaft
 Reference designation

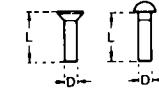
Reference Designation	Shape	Description	Remarks
SCREWS			
P		pan-head screw	binding-head (B) screw for replacement
PWH		pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS, PSP		pan-head screw with spring washer	binding-head (B) screw and spring washer for replacement
PSW, PSPW		pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R		round-head screw	binding-head (B) screw for replacement
K		flat-countersunk-head screw	
RK		oval-countersunk-head screw	
B		binding-head screw	
T		truss-head screw	binding-head (B) screw for replacement
F		flat-fillister-head screw	
RF		fillister-head screw	
BV		brazier-head screw	

Reference Designation	Shape	Description	Remarks
SELF-TAPPING SCREWS			
TA		self-tapping screw	ex: TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self-tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
SET SCREWS			
SC		set screw	
SC		hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
NUT			
N		nut	
WASHERS			
W		flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex: LW3, internal
LW		external-tooth lock washer	ex: LW3, external
RETAINING RINGS			
E		retaining ring	
G		grip-type retaining ring	

NOMENCLATURE FERRONNERIE

Vis:

- P 3 x 10
 L: Longueur en mm
 D: Diamètre en mm
 Type de tête



Précise le type de rainure de la tête.

Sauf indication contraire il s'agit de vis cruciforme (Type Phillips)

Désignation de la référence	Forme	Description	Remarques
VIS			
P		Vis à tête cylindrique large	Peut être remplacée par une vis à tête cylindrique (B).
PWH		Vis à tête cylindrique large et rondelle fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle fixe.
PS, PSP		Vis à tête cylindrique large et rondelle à ressort fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort.
PSW, PSPW		Vis à tête cylindrique large et rondelles plates et à ressort.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate plus une rondelle à ressort.
R		Vis à tête ronde	Peut être remplacée par une vis à tête cylindrique (B).
K		Vis à tête fraisée	
RK		Vis à tête fraisée bombée	
B		Vis à tête cylindrique	
T		Vis à tête ronde large	Peut être remplacée par une vis à tête cylindrique (B).
F		Vis à tête moulée plate	
RF		Vis à tête moulée	
BV		Vis à tête soudée	

Ecrou, Rondelle, Circlips:

N 3

Diamètre de la vis ou de l'axe utilisable
 Désignation de la référence

Désignation de la référence	Forme	Description	Remarques
VIS AUTOTARODEUSES			
TA		Vis autotarodeuse	ex: TA, P 3 x 10
PTP		Vis autotarodeuse à tête cylindrique large.	Peut être remplacée par une vis autotarodeuse à tête cylindrique (TA, B).
PTPWH		Vis autotarodeuse à tête cylindrique large et rondelle fixe.	Peut être remplacée par une vis autotarodeuse à tête cylindrique (TA, B) et une rondelle plate.
PTTWH		Vis à tige filetée et tête cylindrique large avec rondelle fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate.
VIS DE SERRAGE			
SC		Vis de serrage	
SC		Vis de serrage à douille hexagonale	ex: SC 2.6 x 4, douille hexagonale
ECROU			
N		Ecrou	
RONDELLES			
W		Rondelle plate	
SW		Rondelle à ressort	
LW		Rondelle éventail denture intérieure	ex: LW3, intérieure
LW		Rondelle éventail denture extérieure	ex: LW3, extérieure
CIRCLIPS			
E		Circlips	
G		Circlips à griffe	

X-4364-702-3 white
X-4364-704-5 white
PVM1270Q 2
PV

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TV Group

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